

ANATOMY
IMPROV'D AND ILLUSTRATED

With Regard to the Uses thereof in

DESIGNING:

*Not only laid down from an EXAMEN of the BONES and MUSCLES of
the HUMAN BODY, but also DEMONSTRATED and EXEMPLIFIED from*

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ANTIQUE STATUES IN ROME.

*Exhibited in a great Number of
COPPER PLATES, with all the FIGURES IN VARIOUS VIEWS.*

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The DISSECTIONS made by DOC.^R BER.^O GENGA.

ANATOMIST ROYAL.

The EXPLANATIONS AND INDEXES ADDED By

SIGN.^R CAN. JOHN MARIA LANCISSI,

P. PHYSITIAN to his Holyness Pope INNOCENT XI.

A WORK of great USE to PAINTERS SCULPTORS Statuaries

And all others Studious in the Noble ARTS of DESIGNING.



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L O N D O N.



TO THE LEARNED
Richard Mead
Fellow of the College of Physicians,
AND OF THE
Royal Society
IN FAVOUR OF THE POSTERITY.

These Plates containing
The ANATOMY of the HUMAN BODY;
*So far as is necessary for the Improvement
of Painting, Designing and Sculpture, etc.
is with all respect Dedicated,*

*by his most obedient and
most humble Servant.*

Jo.ⁿ Seneca

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FIGURE II.

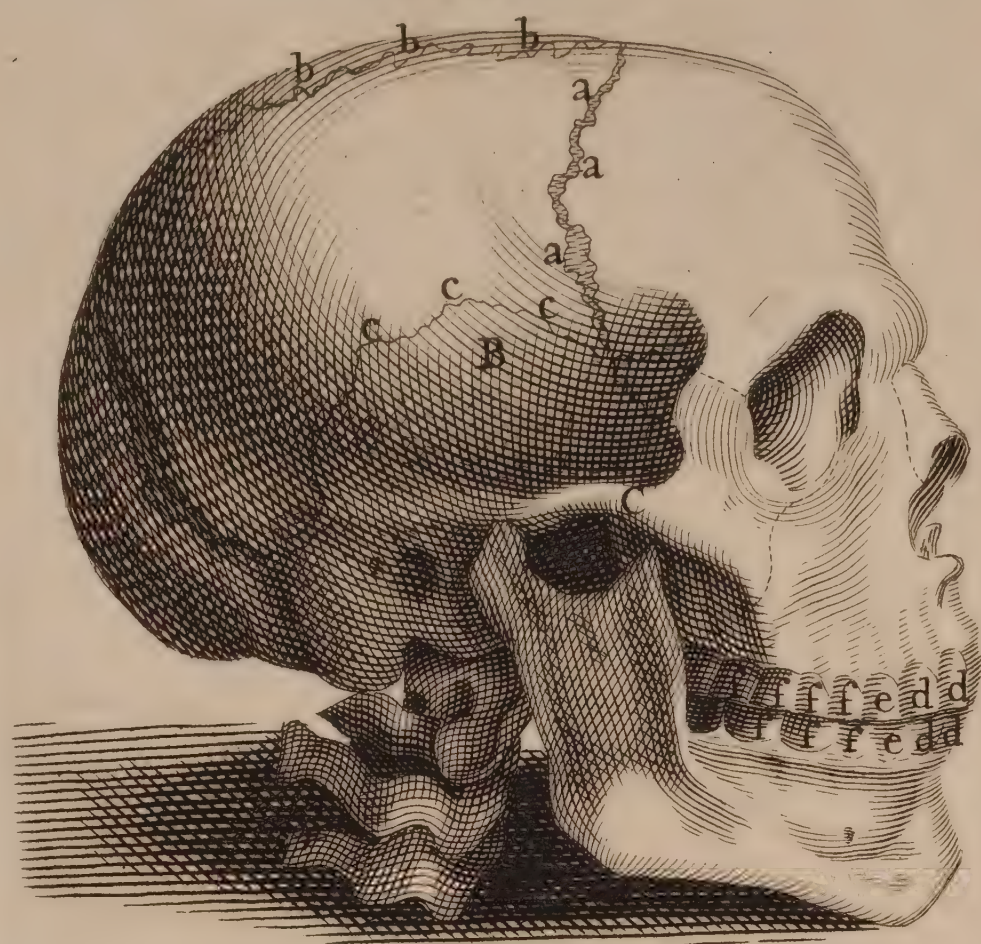


FIGURE I.

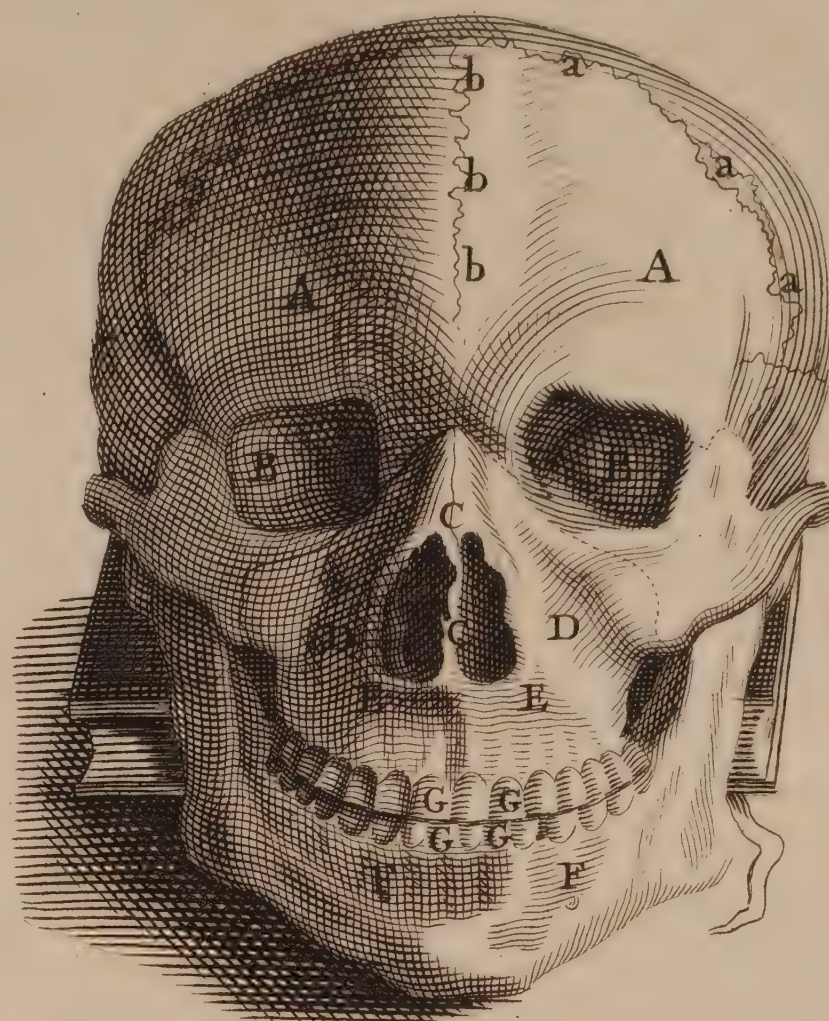


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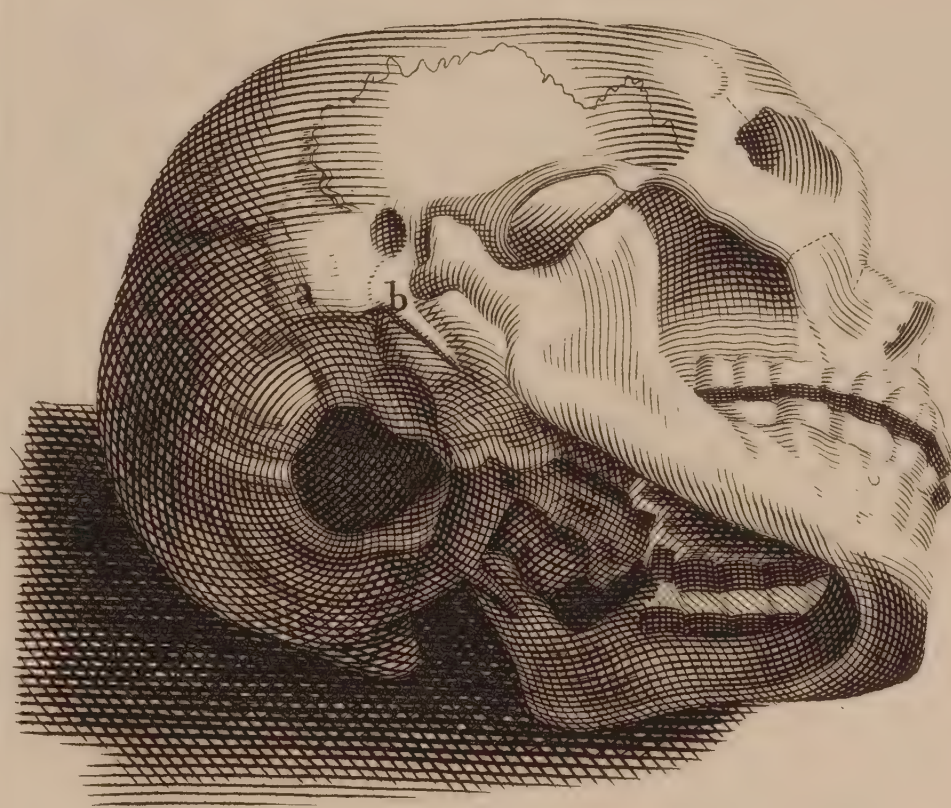


FIG. III.

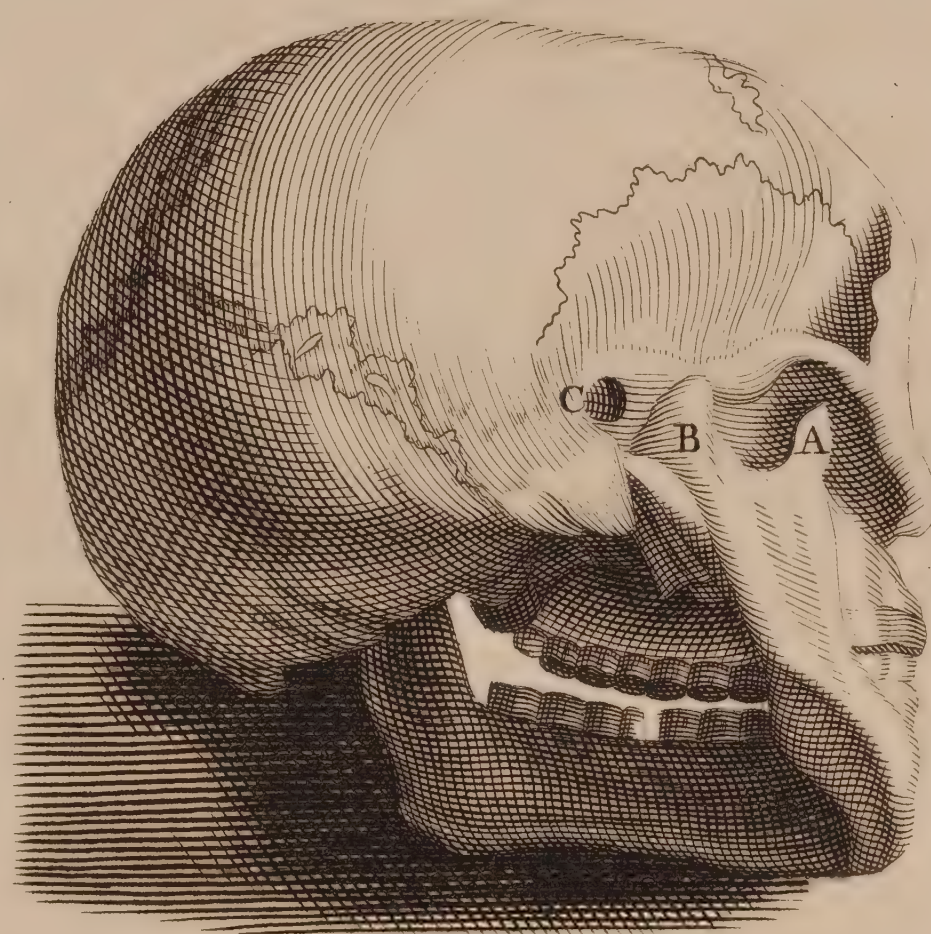


FIG. VI.

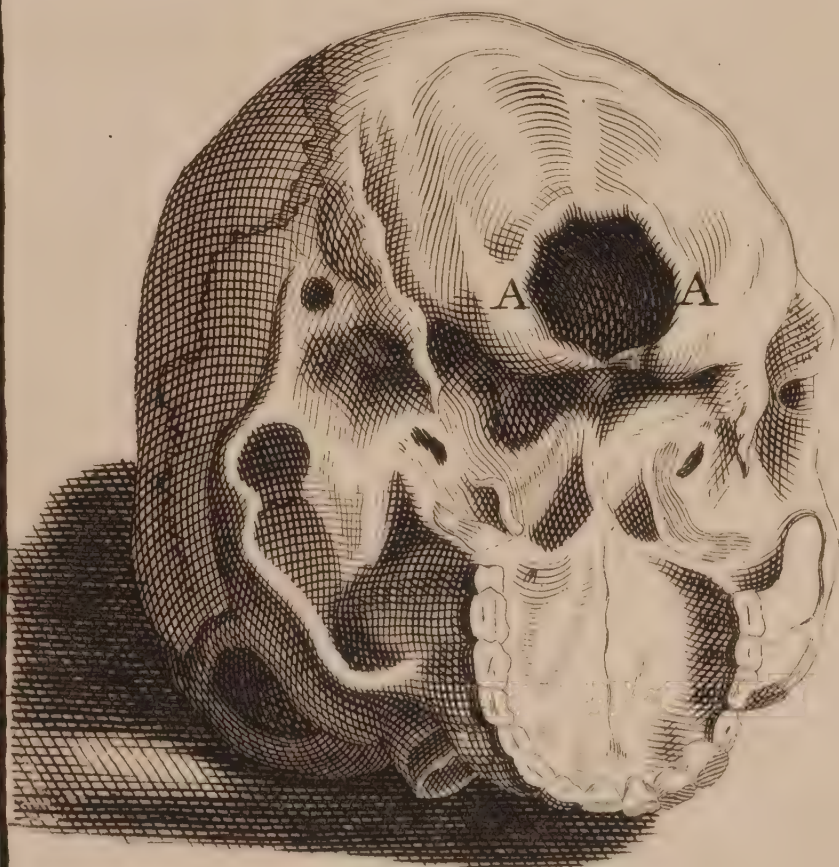
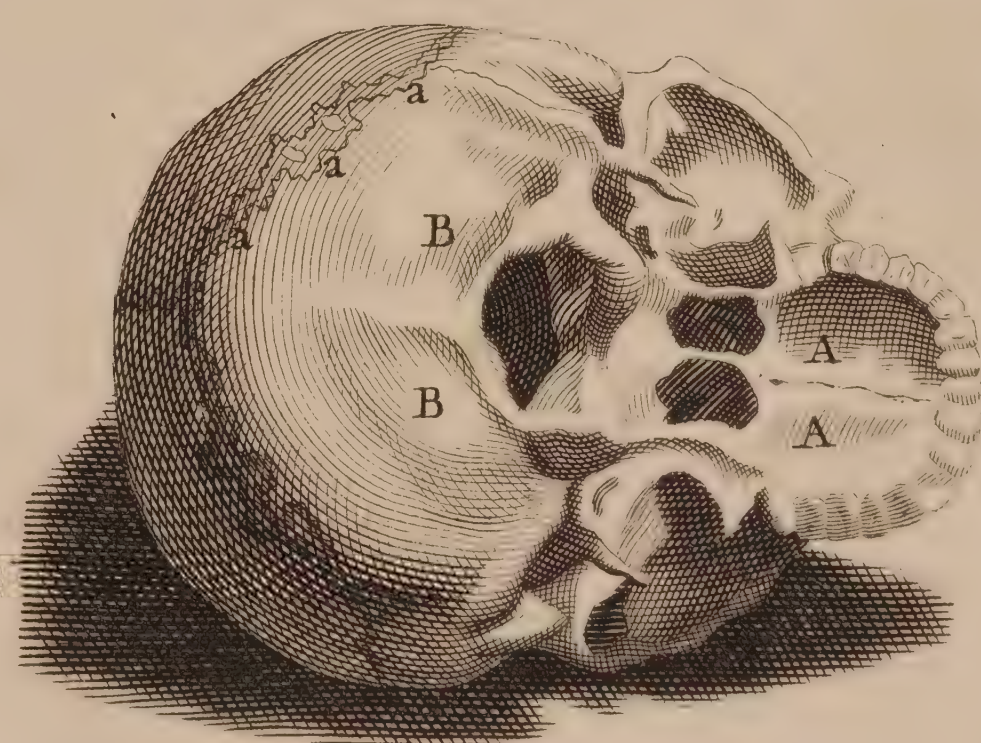


FIG. V.



EXPLANATION OF TABLE I.

Wherein are shewn the BONES of the HUMAN SKULL *Viz.* those of ^e CRANIUM as well as of the JAW S; with their SUTURE S.

FIG. I.

- A Os Frontis or the Coronale.
- a Sutura Sagittalis.
- b *The Sagittal Suture continued into the Coronal, which is seldom observed.*
- B Cavities of ^e Eyes call'd Orbits
- C Bones of the Nose.
- D Bones of the Cheeks, called Offa Malæ.
- E Maxilla Superior, or upper Jan.
- F Maxilla Inferior or under Jan.
- G Teeth which vary in their Number being Sometimes 28 Sometimes 30 & Sometimes 32.

FIG. II.

- A Os Sincipitis, or Bregmatico.
- B Os Temporis.
- C Os Jugale or Zygoma under ^{ch} w. pass's ^e Musculus Temporalis
- a *The Coronal Suture.*
- b *The Sagittal Suture.*

- c *A Spurious Suture by w^{ch} the Os Temporis is joyn'd to the Os Sincipitis and the Coronale.*
- d *Fore Teeth call'd Incifores.*
- e *Side Teeth call'd Canini.*
- f *Hind Teeth called Molares.*

FIG. III.

- A *The Interior or Fore Process. of the lower Jan.*
- B *The Posterior or Hind Process.*
- C *Foramen of the Ear.*

FIG. IV.

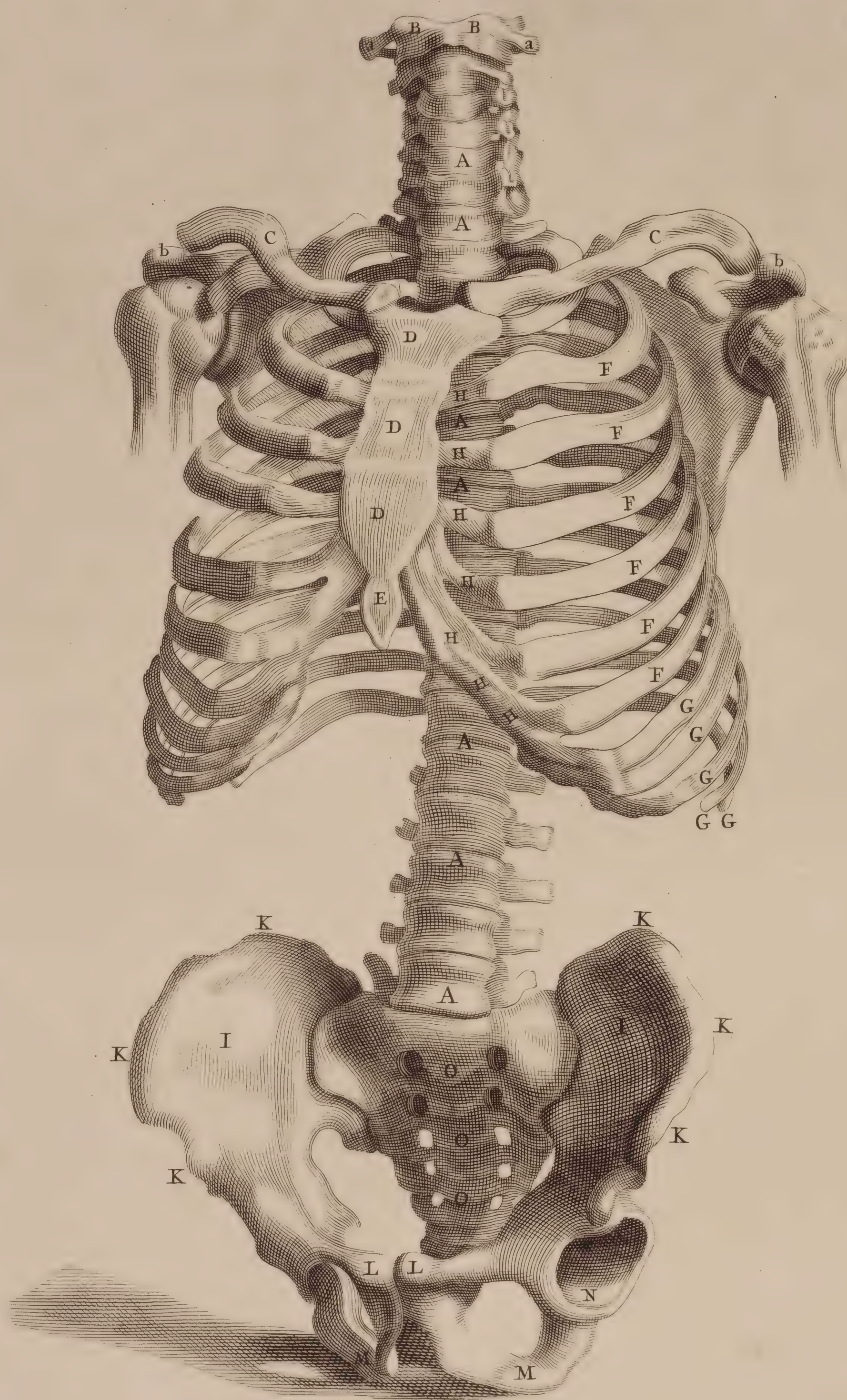
- a *The Process call'd Mamillaris.*
- b *The Process call'd Stiloides.*

FIG. V.

- A *Bones of the upper Jan call'd Offa Palati.*
- B Os Sincipitis.
- a *The Sutura Lambdoidalis.*

FIG. VI.

- A *A Foramen thro^{ch} the Spinal Marrow pass's out of ^e Cavity of the Cranium.*

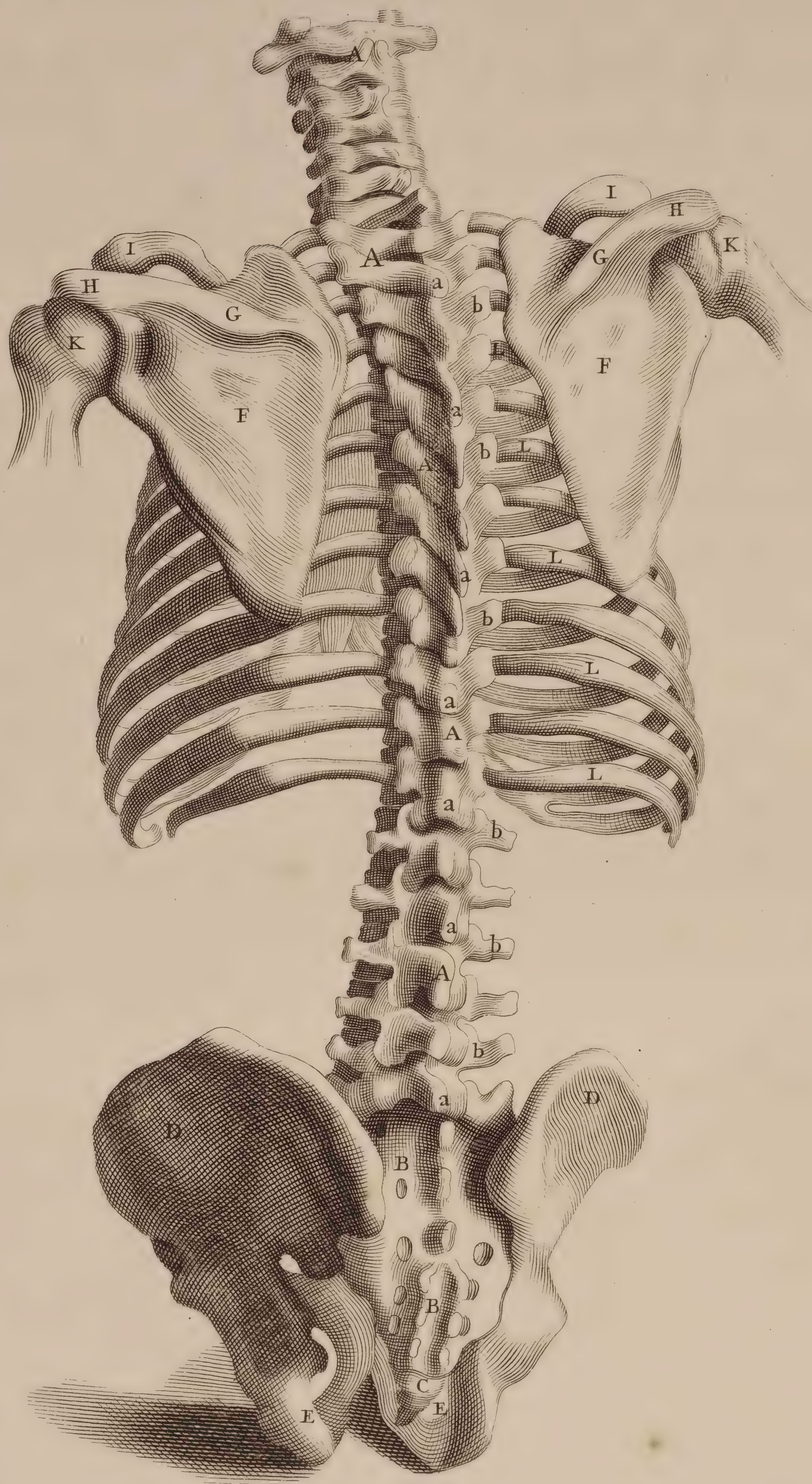


EXPLANATION OF PLATE II.

Wherein the Bones of the Trunk or Human Busto are shewn
in a Front View.

- | | |
|--|--|
| <p>A <i>The Spine composed of several Bones called Vertebrae.</i></p> <p>B <i>The first Vertebra of the Neck call'd Atlas, whose use is to support the Head.</i></p> <p>d <i>Two Processes (or Prominences) call'd Apophyses of the Atlantic Vertebra</i></p> <p>C <i>The Claviculae which on the fore side are Articulated with the Sternum, and on the other side with the Scapula.</i></p> <p>D <i>The Sternum which in Children consists of many Bones but in Age is united into a single one.</i></p> <p>E <i>The Cartilago Xiphoides or Eniformis, it is sometimes Biforme.</i></p> <p>F <i>The Genuine or Legitimate Ribs because connected to the Sternum.</i></p> | <p>G <i>Ribs call'd Spurious or Illegitimate because not joyn'd to the Sternum.</i></p> <p>H <i>Cartilages whereby the Ribs are connected to the Sternum.</i></p> <p>I <i>The Ossa Ilium within side.</i></p> <p>K <i>The Circumference, Crest, Limb or Rib of the Os Ilium.</i></p> <p>L <i>The Os Pubis.</i></p> <p>M <i>The Os Ischium</i></p> <p>N <i>The Cavity call'd Acetabulum Ischii wherein the Head of the Thigh-bone is Articulated.</i></p> <p>O <i>The Inner Face of the Os Sacrum.</i></p> <p>b <i>Prominences of the Scapula call'd Acromia.</i></p> |
|--|--|

TABLE III



EXPLANATION OF TABLE III.

Wherein are shewn the BONES of the TRUNK
or Human Busto in a Hind View & Situation.

FIG. III.

- A *The Spine consisting of
24 Bones called Vertebrae.*
B *The Hind-part of the Os
Sacrum consisting of Six
other Vertebrae.*
C *The extremity of y^e Spine
called Os Coccygis and by
the Greeks Dropygion. i.e.
Tayl consisting of two or
three Bones.*
D *The Outer Face of the
Os Ilium.*
E *The Hind Appearance of
the Os Ischium.*
F *The Bones called Scapulae.*

- G *The Process call'd y^e Spine
of the Scapula.*
H *Continuation of y^e same Spine
which in this point is call-
ed Acromion.*
I *The Clavicula view'd from
behind.*
K *The upper part call'd y^e Head
of y^e Humerus Articulated w.th
the Scapula.*
L *Ribbs Articulated w.th the
Spine.*
d *Apophyses of y^e Vertebrae call-
ed Direct.*
b *Apophyses of y^e Vertebrae call-
ed Transverse.*



TABLE IV.

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Representing the Bones of the Human Body or Trunk in a Lateral Situation.

EXPLANATION.

A Apophyses or Processus Recti of the Vertebra of the Neck and Loyns.

B The Lateral Appearance of the Outside of the Scapula.

a The Edge of the Cavitas Glenoides or the Extreme Surface of the Scapula within w^{ch} the Head of the Humerus is Articulated.

D The Upper Part of the Bone call'd the Head of the Humerus.

E The Lateral Appearance of y^e Ribs already describ'd in y^e III. FIG.

C The Right Clavicle.

b The Sternum in a Side View.

F The Outside of the Os Ilium in a Side View.

G The Os Sacrum in a Side View.

H The Os Ischium in a Side View.

I The Cavity of y^e Ischium w^{ch} receives y^e Head of y^e Femur.

K The Outside of the Os Pubis in a Side View.

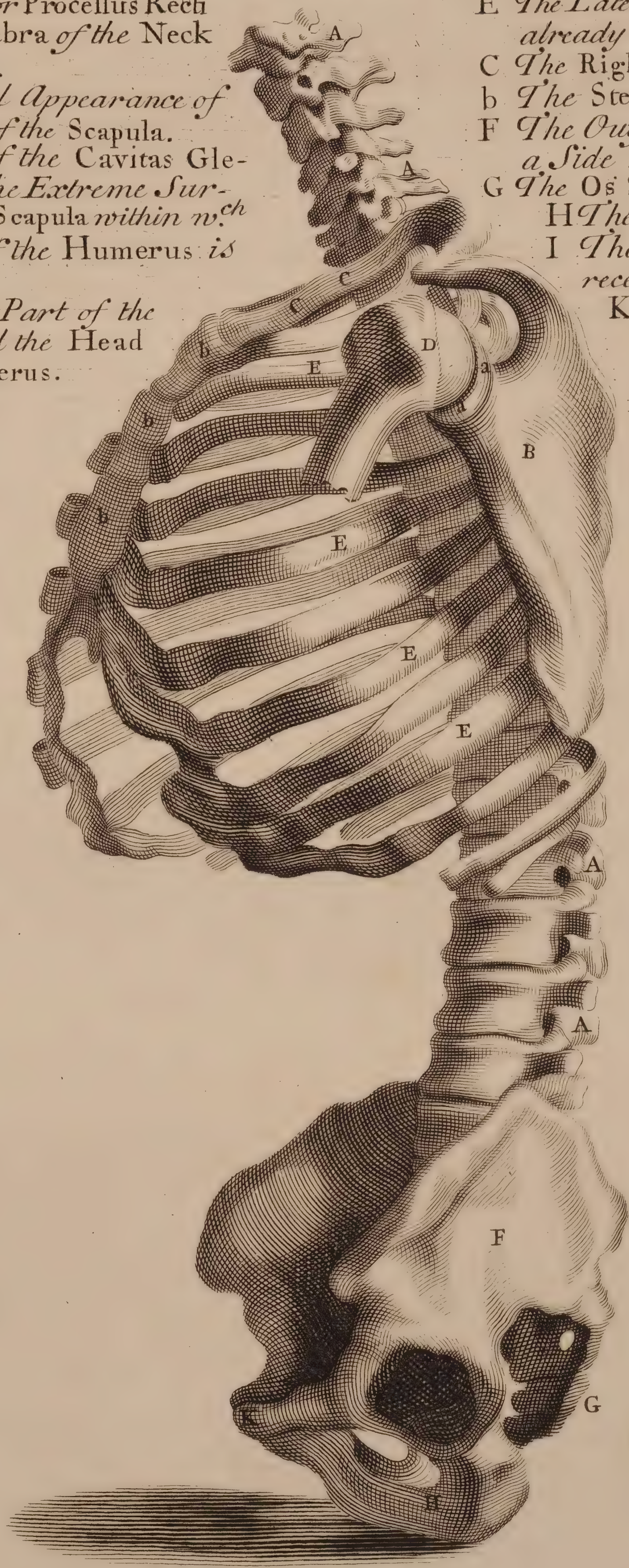


FIGURE I.

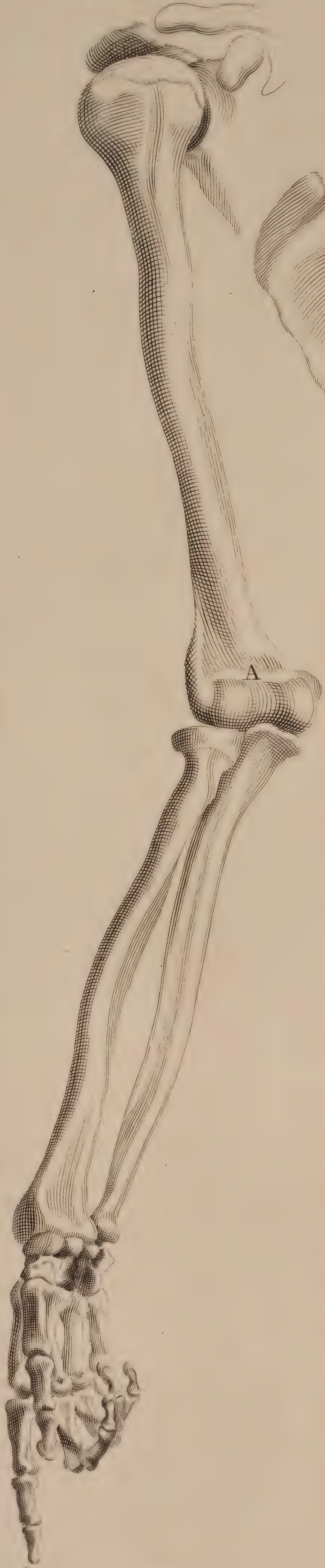


FIGURE II.

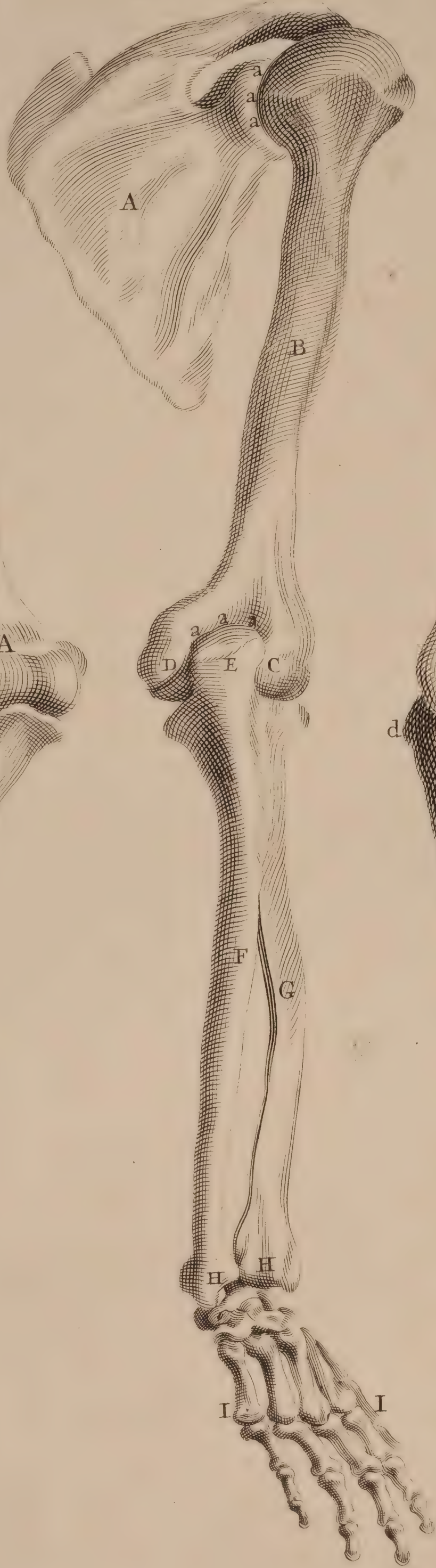
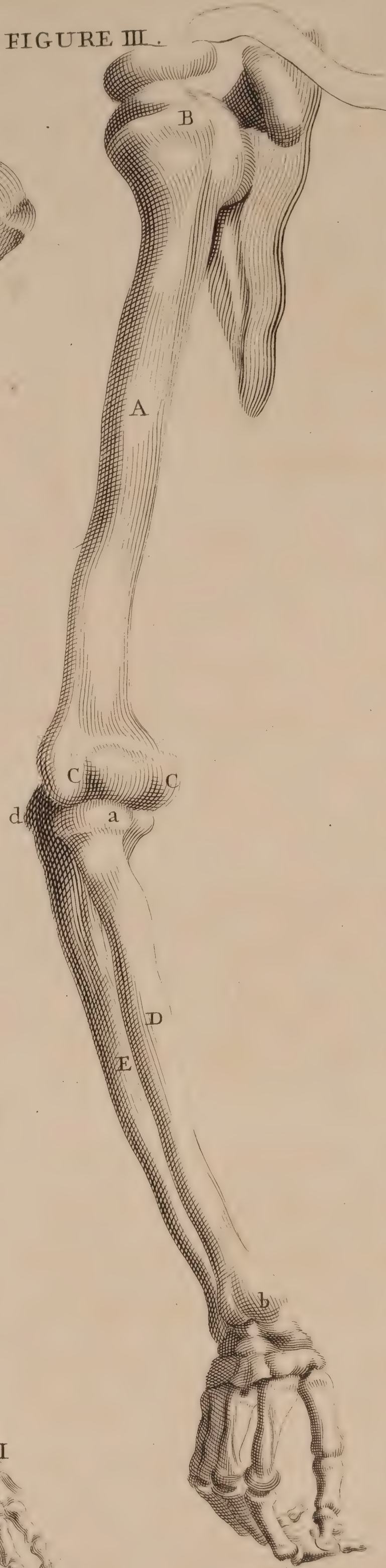


FIGURE III.



EXPLANATION OF TABLE V.

Wherein are represented the Bones of the Arm and Hand, divided into three Classes, viz.^t into the Humerus, y^e Cubitus & Radius, and y^e Hand.

FIGURE I.

Shewing y^e Right Arm in a Side View.

- A. The Bone called Humerus, being the largest of those in y^e Arm.
- B. The Head of y^e Humerus w^{ch} in y^e foregoing Figure is shewn articulated with y^e Scapula.
- C. Apophyses or lower Prominences of the Humerus.
- D. The Bone call'd Radius, less than y^e Humerus.
- E. The Bone call'd Cubitus, less than y^e Radius.
- d. Upper extrem of y^e Cubitus which Articulates with the Humerus.
- b. Lower extrem of y^e Radius, w^{ch} Articulates with y^e Carpus.
- a. A Point in the Cubitus, by the Greeks call'd Olecranon, & by us Elbow; which in bending y^e Arm inwards, makes, as it were, an Acute Angle; and in stretching it out, hides it self in a Cavity of y^e Humerus, as is shewn in the following Figure.

FIGURE II.

Representing the Right Arm in a Hind View.

- A. The Scapula.
- d. Edge of y^e Cavitas Glenoides already observ'd in a former Table.
- B. The Os Humeri.
- C. Apophysis or lower and inward Prominence of the Humerus.
- D. Apophysis or lower & outward Prominence of the said Bone.
- E. The Point of y^e Cubitus, by the Greeks call'd Olecranon, hid in y^e Cavity of the Humerus.
- d. The Hind Cavity of y^e Trochlea of y^e Arm, w^{ch} receives y^e Olecranon.
- F. The Bone call'd Cubitus.
- G. The Bone call'd Radius.
- H. Extremity of y^e Radius & y^e Cubitus.
- I. The Bones of the Hand divided into three Ranks; of each whereof distinct mention will be made in Table IX.

FIGURE III.

Exhibiting the Same Arm in a foreright Situation.

- A. The Fore Cavity or Sinus of the Humerus.



FIGURE I.



FIGURE IV.

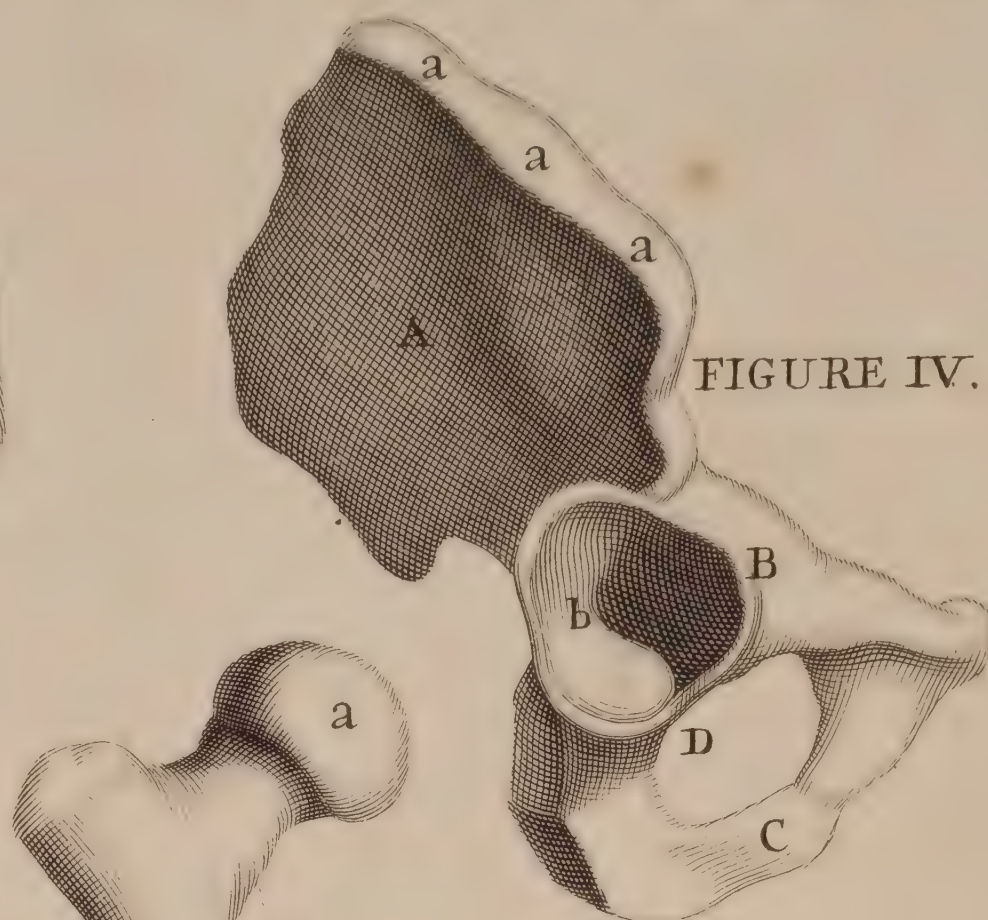


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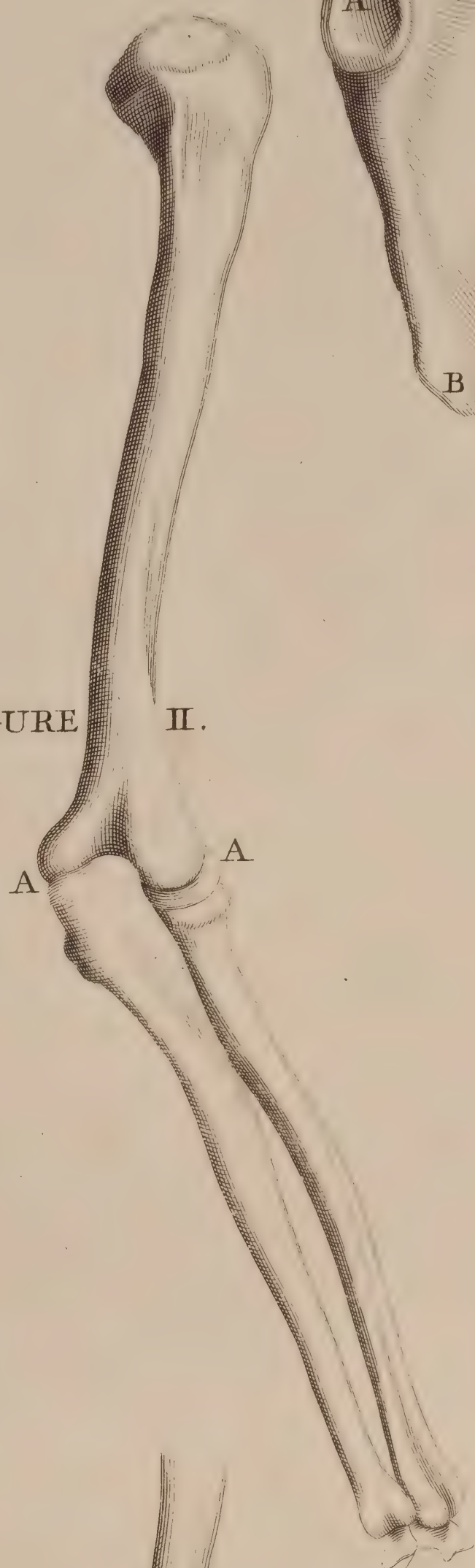


FIGURE V.

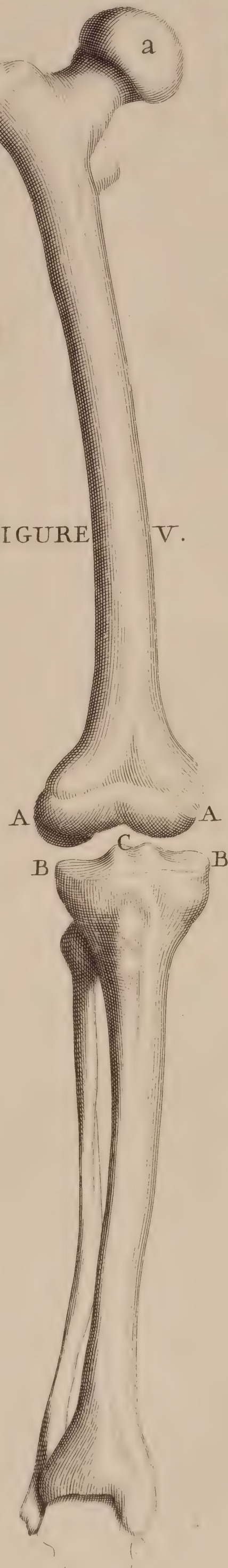


FIGURE VI.

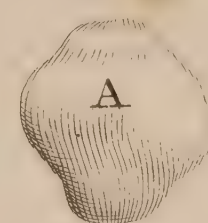
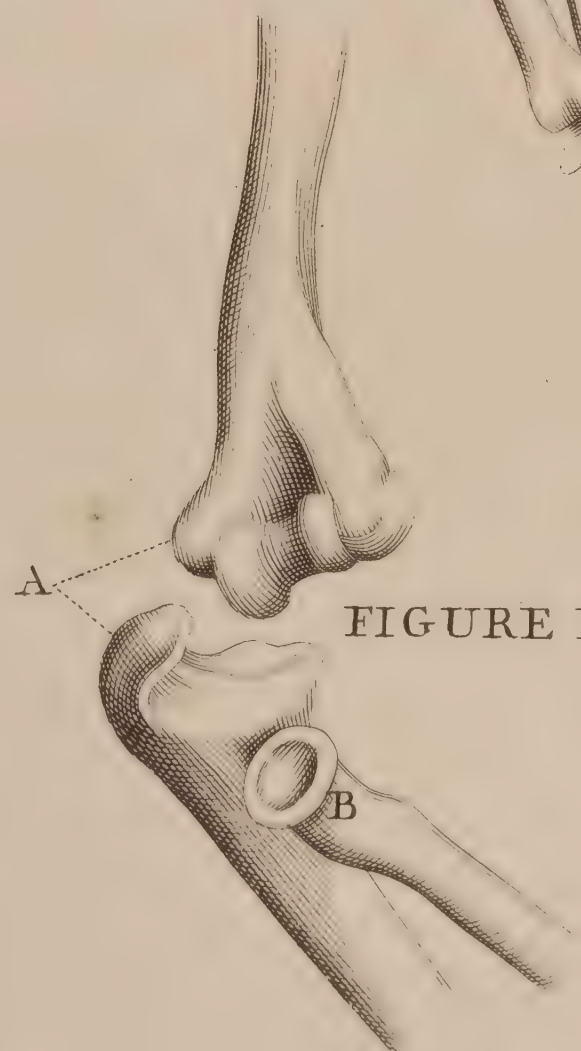


FIGURE III.



EXPLANATION OF TABLE VI.

Wherem the Jonctures and Articulations of the Arm and Leg, are represented distinctly: the Extremities of y^e Articulated Bones being remov'd a little space from each other.

FIGURE I.

Wherem y^e left Scapula is Represented.

- A *The Cavitas Glenoides within w^{ch} y^e Head of y^e Humerus is receiv'd*
- B *The lower Angle of the Scapula.*
- C *The upper Angle.*
- D *The Procc^{us} call'd Acromiiformis.*
- E *The Top of the Scapula by y^e Greeks call'd Acromion.*

FIGURE II.

Wherem is shewn the Os Humeri Articulated wth those of y^e Cubitus & Radius.

- A *The Articulation by y^e two lower Prominences of y^e Humerus with y^e upper parts of y^e Cubitus & Radius.*

FIGURE III.

Shewing the Articulation more distinctly; the forementioned Bones being disjoyned from each other.

- A *The lower extremity of y^e Humerus and y^e upper extremity of y^e Cubitus a little separated from each other.*
- B *The Place where the Radius begins to joyn to the Cubitus.*

FIGURE IV.

Shewing the Bones of y^e Ilium, Ischium & Pubis, with-outside.

A *The Outer Face of the Os Ilium.*

a *The Spine call'd the Crest of the Os Ilium.*

B *The Os Ischium.*

b *The Cavity of the Ischium.*

C *The Os Pubis.*

D *The Foramen of the Os Pubis w^{ch} is covered with the Musculus Obturator externus.*

FIGURE V.

Wherem is shewn y^e Articulation of y^e Thigh-bone with y^e Tibia.

A *The Articulation disjoyned and y^e said Bones sett apart from each other.*

B *Prominences or Apophyses of y^e Tibia.*

C *A Prominence in y^e middle of the Head of y^e Tibia w^{ch} is Articulated within y^e Femur or Thigh-Bone.*

a *The Head of the Thigh-Bone w^{ch} articulates by entering within y^e Cavity of the Ischium b, of the foregoing Figure.*

FIGURE VI.

Representing the Rotula or Patella out of its Place.

A *The Rotula of y^e Knee out of its Place.*



TABLE VII.

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FIGURE II.

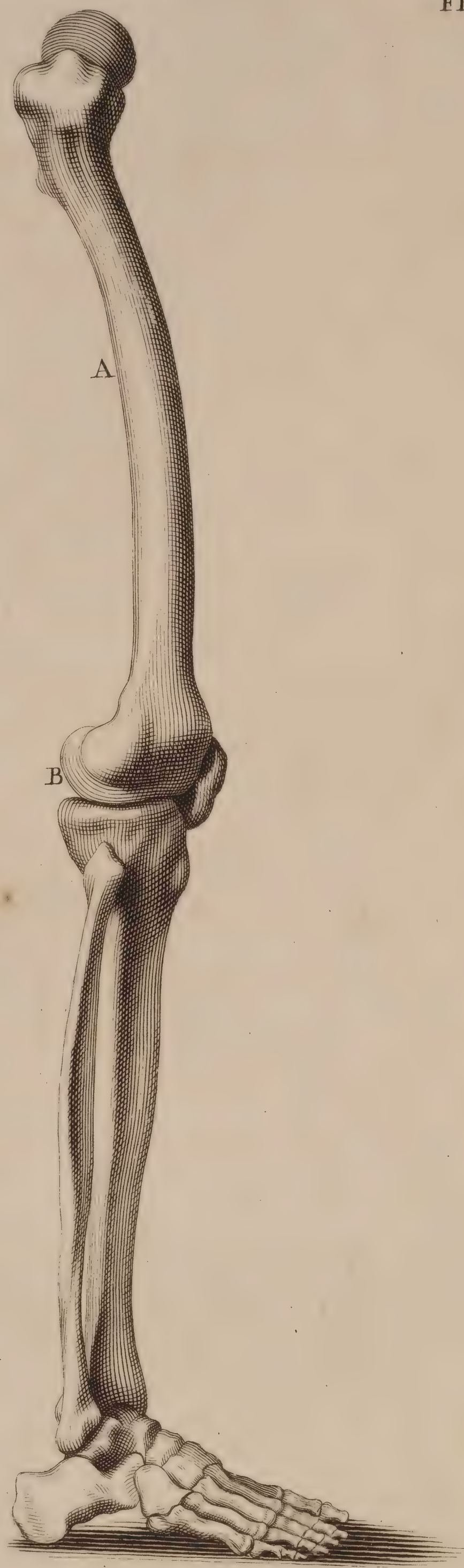
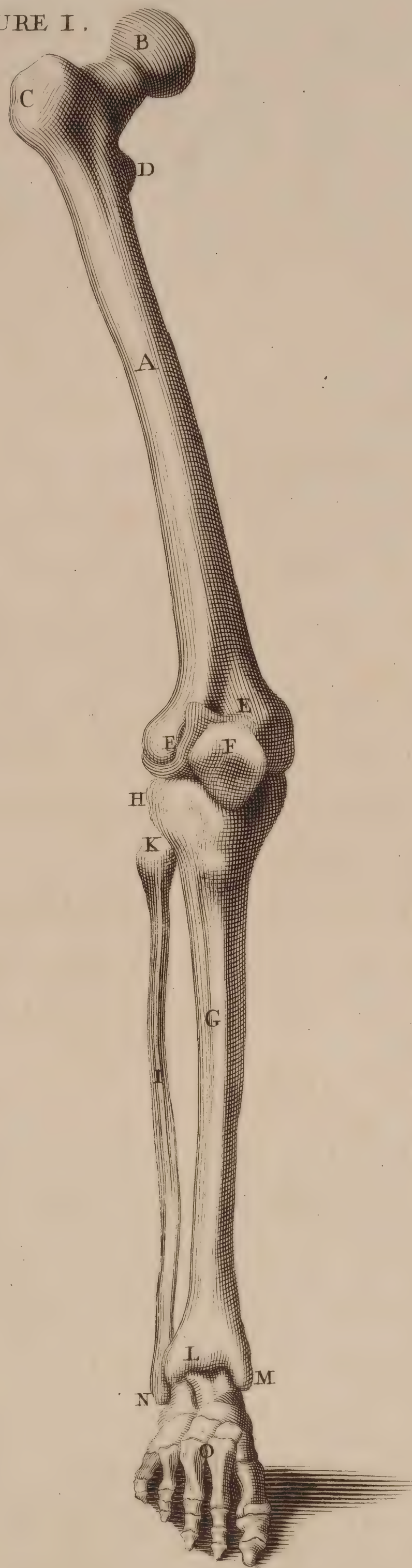


FIGURE I.



M. V. Dr. Gualdo Sculp.

EXPLANATION OF TABLE VII.

Shewing the BONES of the THIGH,
LEG and FOOT.

FIG. I.

*Representing the following
Bones in a front View.*

- A *The Femur or Thigh Bone,*
the largest of any in y^e Hu-
man Skeleton.
- B *The Head of the Femur, w^{ch}*
in its Articulation is receiv-
ed within the Cavity of y^e
Ischium.
- C *The External Process of*
the Femur, called y^e great
Trochanter.
- D *The Internal & less Process*
call'd the less Trochanter.
- E *Lower Apophyses of y^e Femur.*
- F *Rotula, Patella, or Mola, of*
the Knee.
- G *The Tibia being y^e largest*
Bone in the Leg.
- H *Upper and Lateral Apo-*
phyfes of the Tibia.
- I *The Fibula.*

K *The Origin of the Fibula,*
fastened laterally to the
upper external Apophyses
of the Tibia.

L *The Sinus or Cavity of y^e low-*
er extremity of y^e Tibia, w^{ch}
receives the Os Naviculare of
the Tarsus, to which the Foot
is Articulated.

M *Lower Apophysis of y^e Ti-*
bia, call'd Malleolus internus.

N *Lower Apophysis of y^e Tibia,*
call'd Malleolus externus.

O *The Foot, w^{ch} will be particular-*
ly describ'd in TAB. IX.

FIG. II.

Wherein the same Bones
are represented in an outside
View.

A *The Bone of y^e Femur curv'd be-*
hind, tho' some w^t Gibbous before.

B *Lower & Posterior Apophysis*
of the Os Femoris.

TABLE VIII.

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Wherein are represented the same Bones already describ'd in the former Plate, but in different Situations.

FIG. II.

FIG. I.

EXPLANATION

FIGURE I.

Shewing the following Bones in an In-Side View.

- A. The Head of the Femur.
- B. The Patella or Rotula of the Knee.
- C. The Tibia.
- D. The Malleolus Internus.

FIGURE II.

Shewing the following Bones in a Hind View.

- A. The larger Process of the Femur, call'd the great Trochanter.
- B. The Process call'd the less Trochanter.
- D. The Fibula, one of the Bones of the Leg.
- E. The Malleolus Internus.
- F. The Os Calcis.

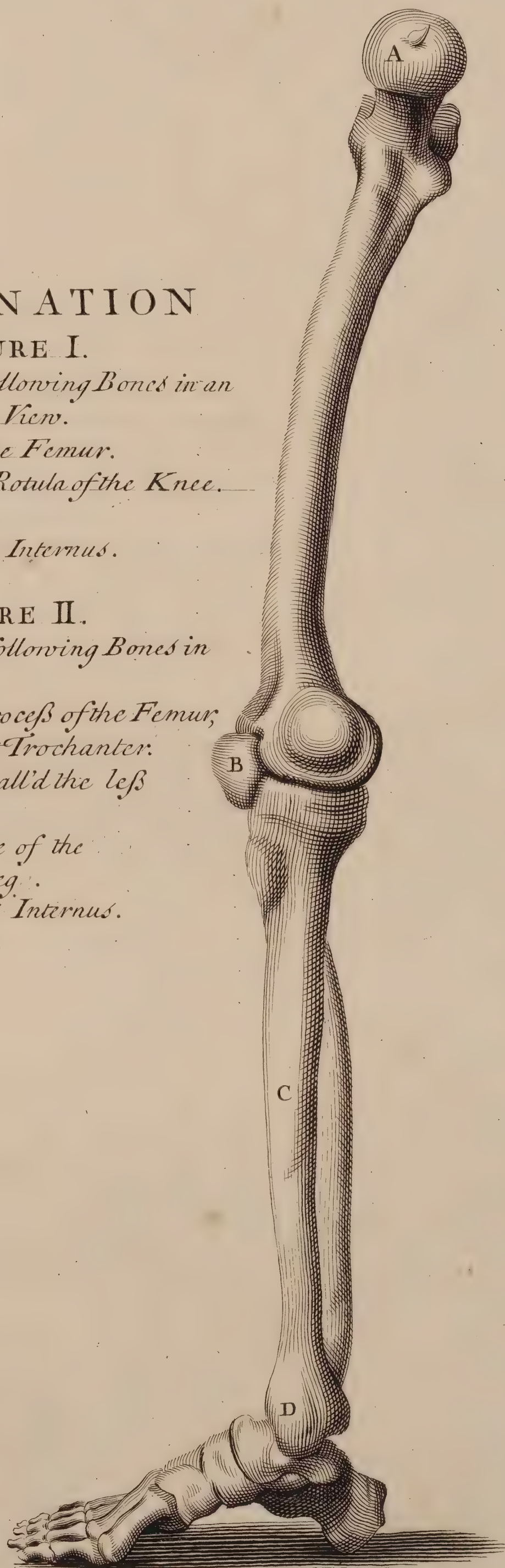
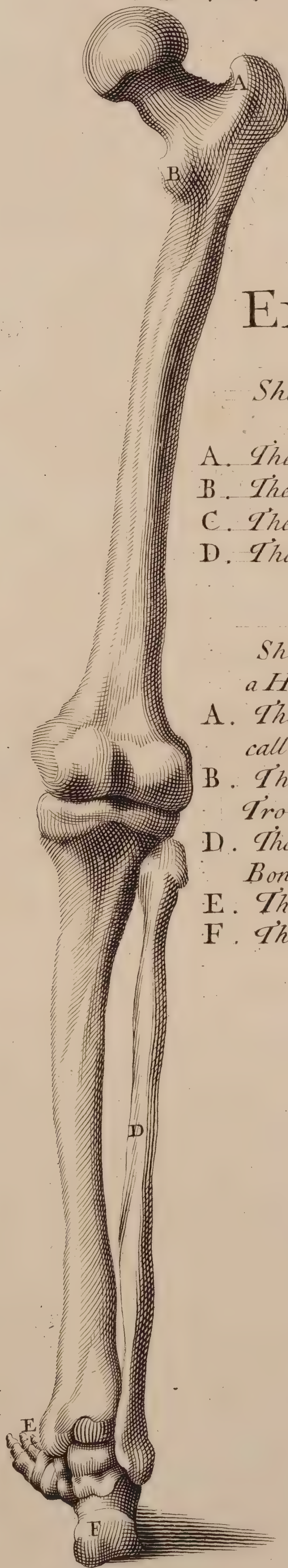


FIG. II.

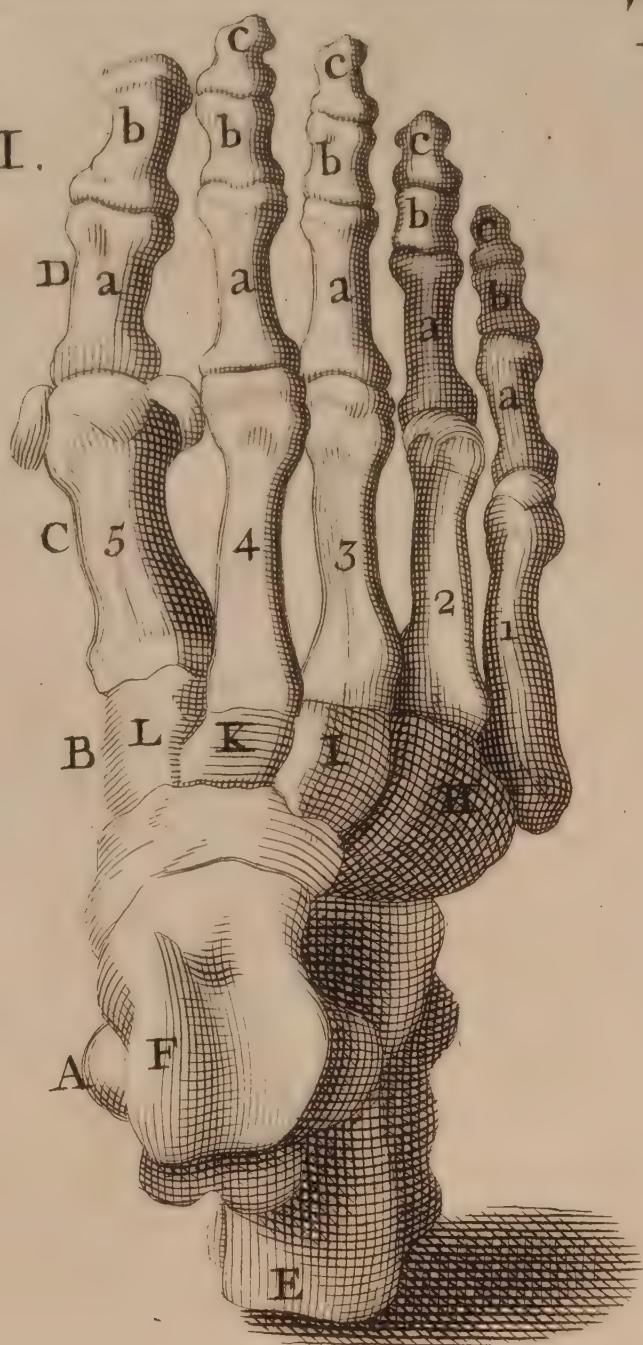


FIG. I.

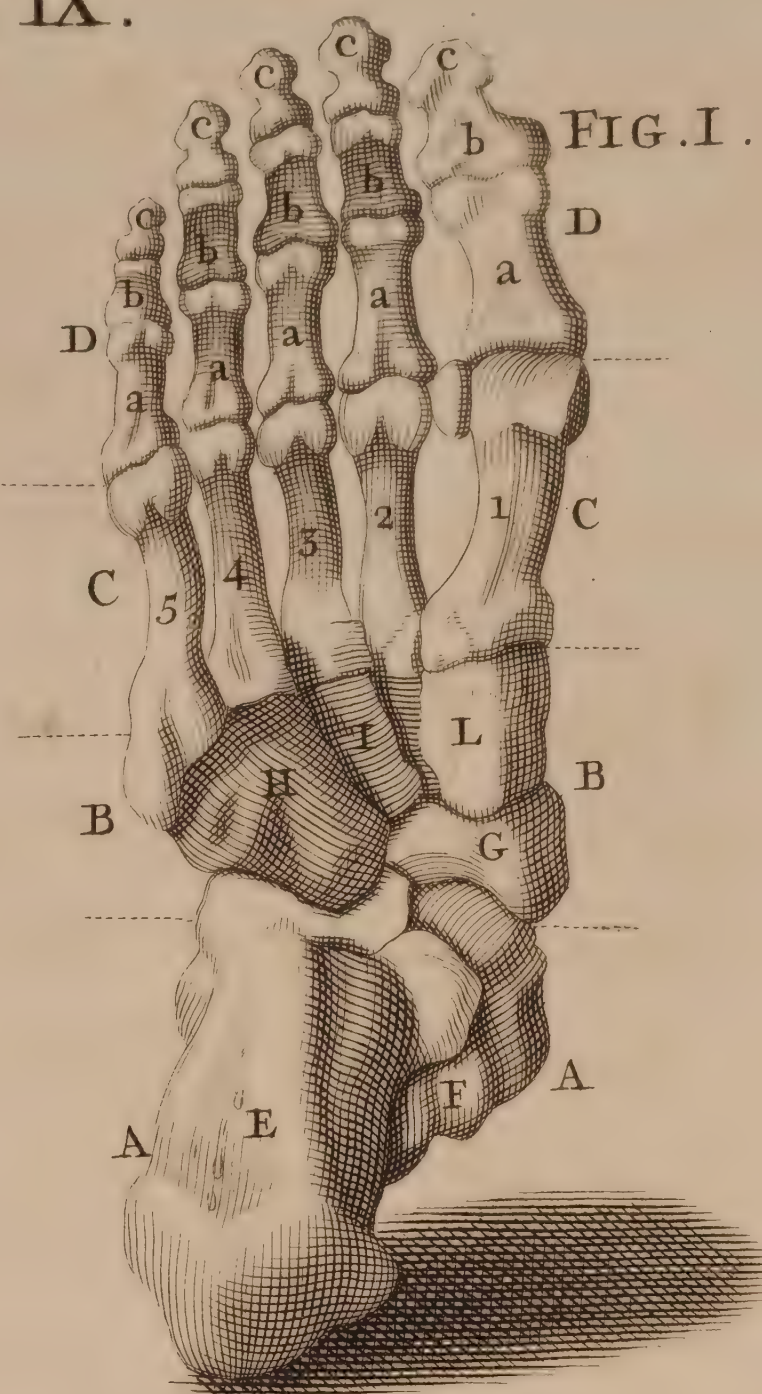


FIG. IV.

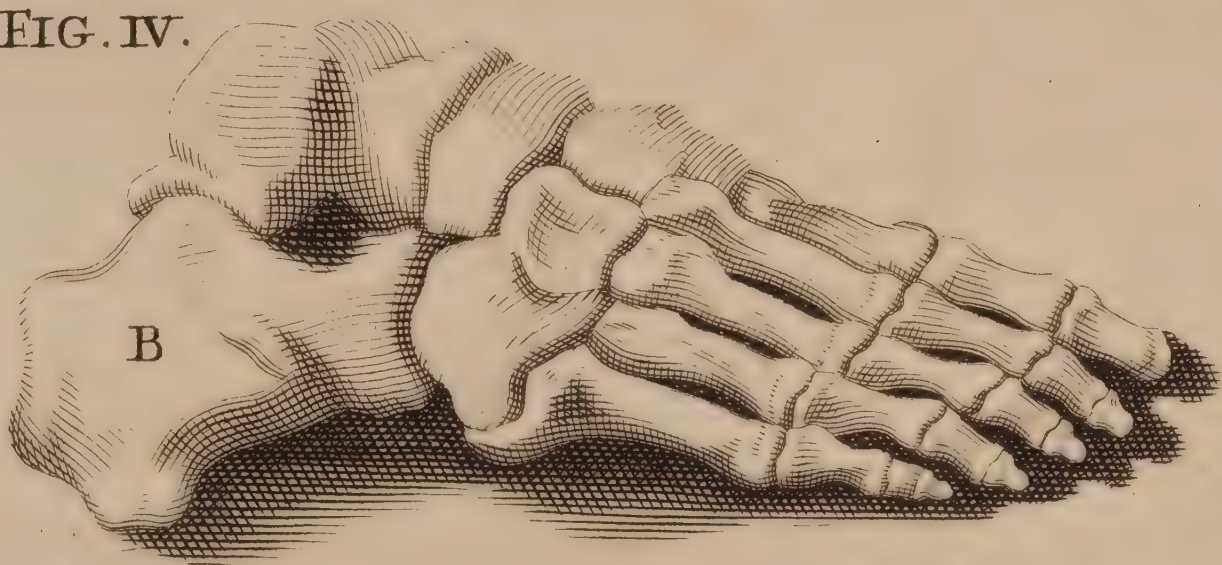


FIG. III.

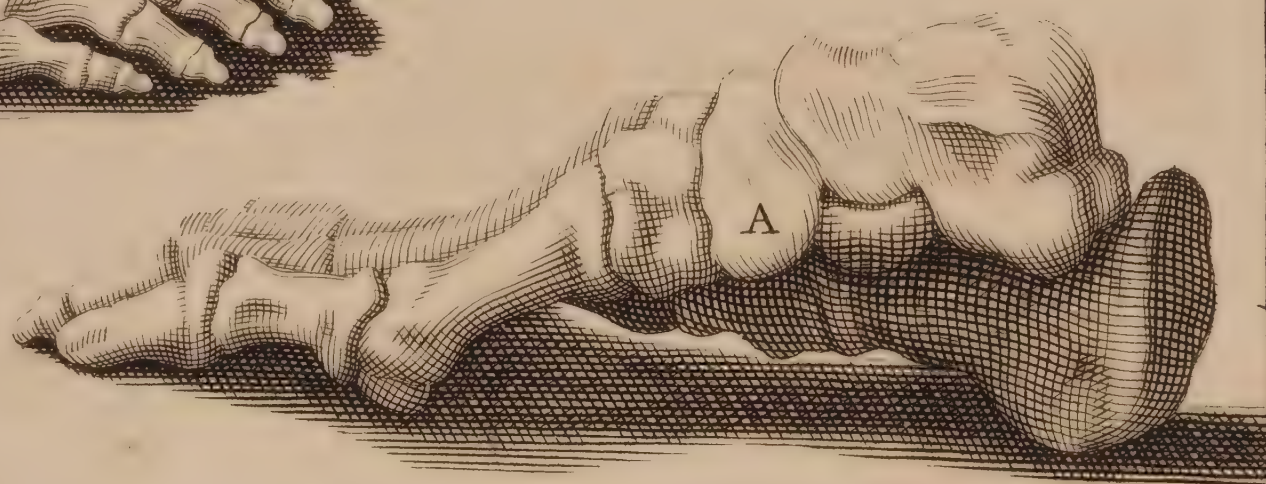


FIG. VI.

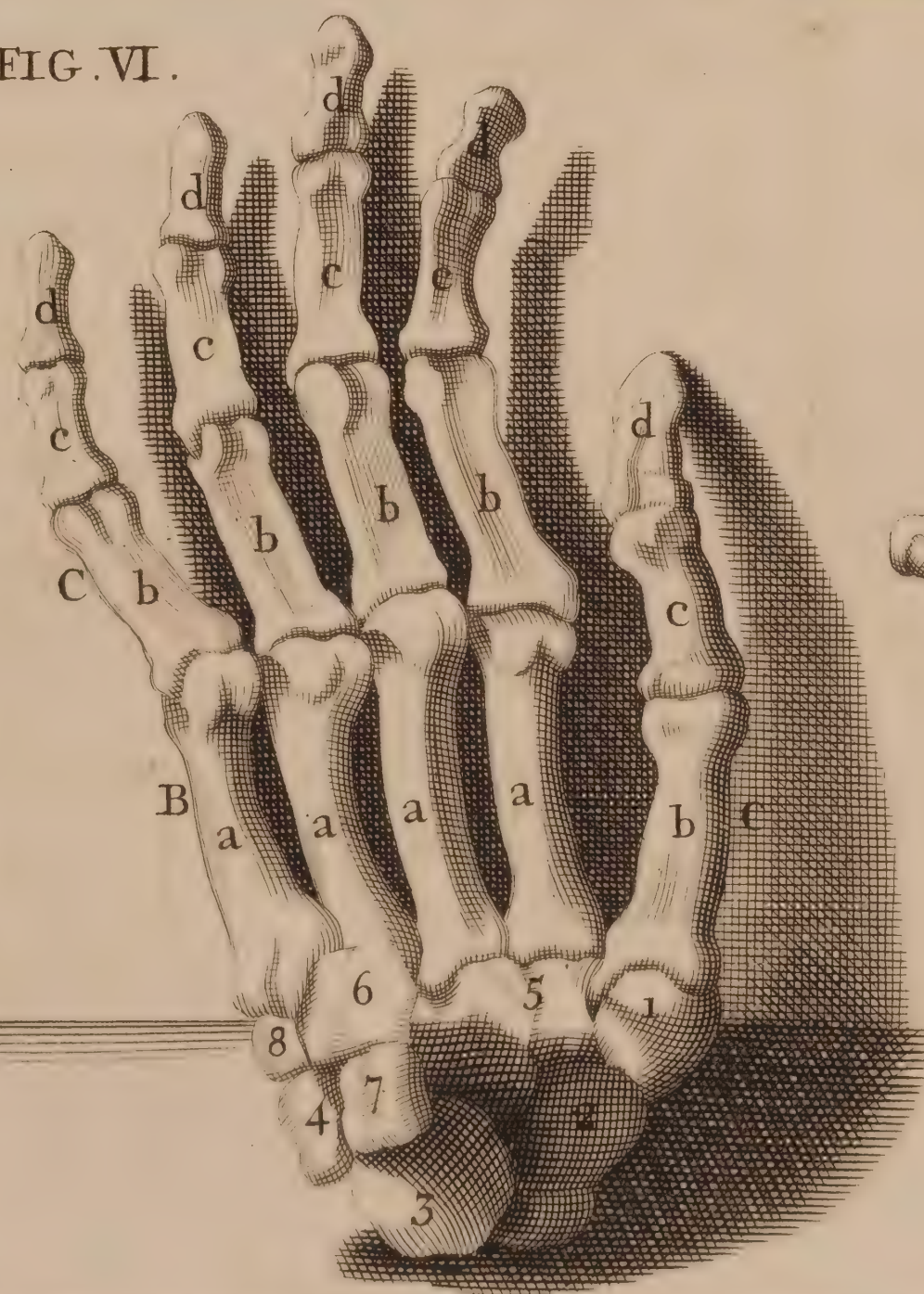
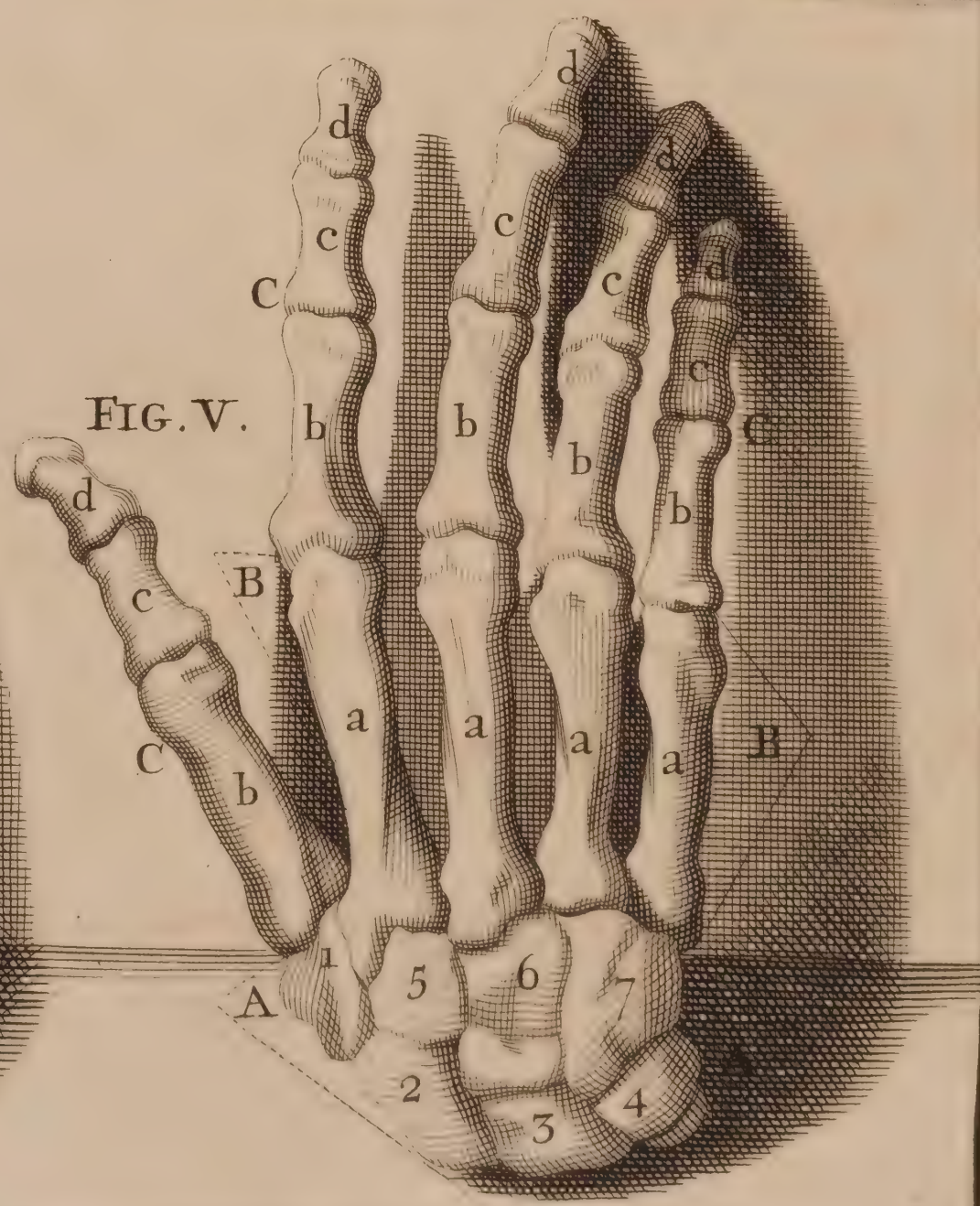


FIG. V.



EXPLANATION OF TABLE IX.

Wherein are shewn ^eBONES that Compose
the FOOT and HAND.

FIG. I & II.

*Shewing the left Foot in
two Views viz.^t upper and
under; divided into 4 Parts.*

A *Ossa Innominata, call'd y^e
Calcaneum.*

B *Tarsus.*

C *Metatarsus.*

D *Digiti or Fingers.*

*And in regard the Ossa
Innominata are, by some A-
natomists confounded w.th the
Tarsus; We shall enumerate
the Bones of either part und.
their Proper Names.*

E *Os Calcis, Calcaneum, or
Bone of the Heel.*

F *Astragalus or Talus.*

G *Os Naviculare.*

H *Os Cubiforme.*

I *Mean Os Cuneiforme.*

K *Less Os Cuneiforme.*

L *Greater Os Cuneiforme.*

*1, 2, 3, 4, 5, The Five Bones of
the Metatarsus.*

a b c *Bones of y^e Fingers, their
Number three, in each ex-
cepting the Thumb, where-
in there are but two.*

FIG. III & IV.

*Shewing the Left Foot in
two Views viz.^t an Inner side
and an Outer side View.*

A *The Inner Part*

B *The Outer Part.*

FIG. V & VI.

*Shewing y^e left hand in two
Views, internal & external.*

A *First part of the Hand call'd
Carpus.*

B *Second part, call'd Metacarpus.*

C *Third part, call'd Fingers.*

*1, 2, 3 &c. The Eight Bones w.^{ch}
Compose the Carpus.*

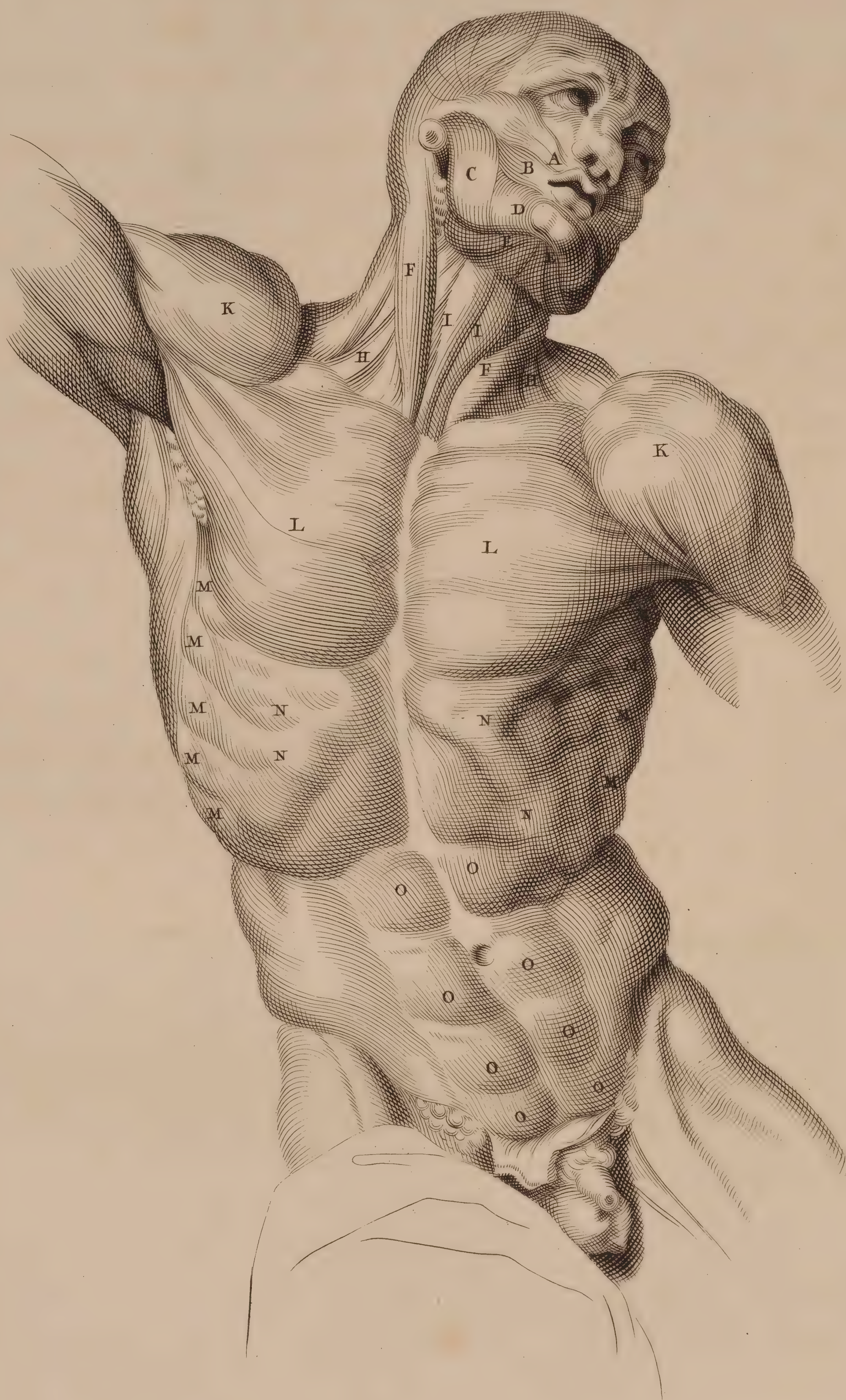
a *Four Bones of y^e Metacarpus.*

b *First Class,*

c *Second Class,*

d *Third Class,*

*} Of the Bones
of y^e Fingers,
in all Fifteen.*



EXPLANTION OF TABLE X.

Wherein are shewn the Muscles which lye immediately under the Common Integuments, and in Slender Persons shew themselves in the Face, and the Forepart of the Trunk.

A *Musculus Attollens Labium superius.*

B *The Buccinator, so called, because in sounding a Trumpet, it swells and serves to draw the Lips lengthwise, & so to widen the Mouth.*

C *The Masseter, which assists in drawing up y^e lower Jaw.*

D *Musculus Deprimens Labium inferius.*

d *Foramen of the external Ear.*

E *Musculus Digastricus or Biventer, serving to draw y^e lower Jaw downwards.*

F *Musculi Mastoidei serving to incline the Head.*

H *Muscles serving to move the Os Hyoides.*

I *Muscles call'd Sternothyroides, serving to move y^e Cartilago Ensiformis or Thyroides.*

K *The Deltoides.*

L *Musculi Pectorales Majores.*

M *Muscles, from their indented extremities, called Serrati Antici Majores.*

N *Muscles of the lower Venter, or Abdomen; from the Position of their Fibres call'd Obliqui Descendentes.*

O *Muscles of the lower Venter, which proceeding from several Tendinous Intersections, form Prominences, and are called the Recti of the Abdomen.*

*Shewing the Muscles of the Human Trunk
in a Fore-side View.*

EXPLANATION.

A *Musculi Biventre's.*

B *Musculi Sternothyroi-
dei.*

C *Musculus Temporalis,
Serving to draw the
Arm towards the
Breast.*

D *Tendons of Mus-
cles which having
their Origin in y^e
Scapula serve to
carry the Hu-
merus round.*

E *Musculus Serratus Anticus Major
w^{ch} arises from y^e
Basis of y^e Scapula
& serves to move
it forwards and
downwards.*

F *A Muscle called
Obliquus descen-
dens Abdominis
w^{ch} wth y^e Rectus &
Transversalis,
Serves to com-
press the lower
Ventricle or Ab-
domen.*

G *Musculus Tran-
versalis of the Ab-
domen.*

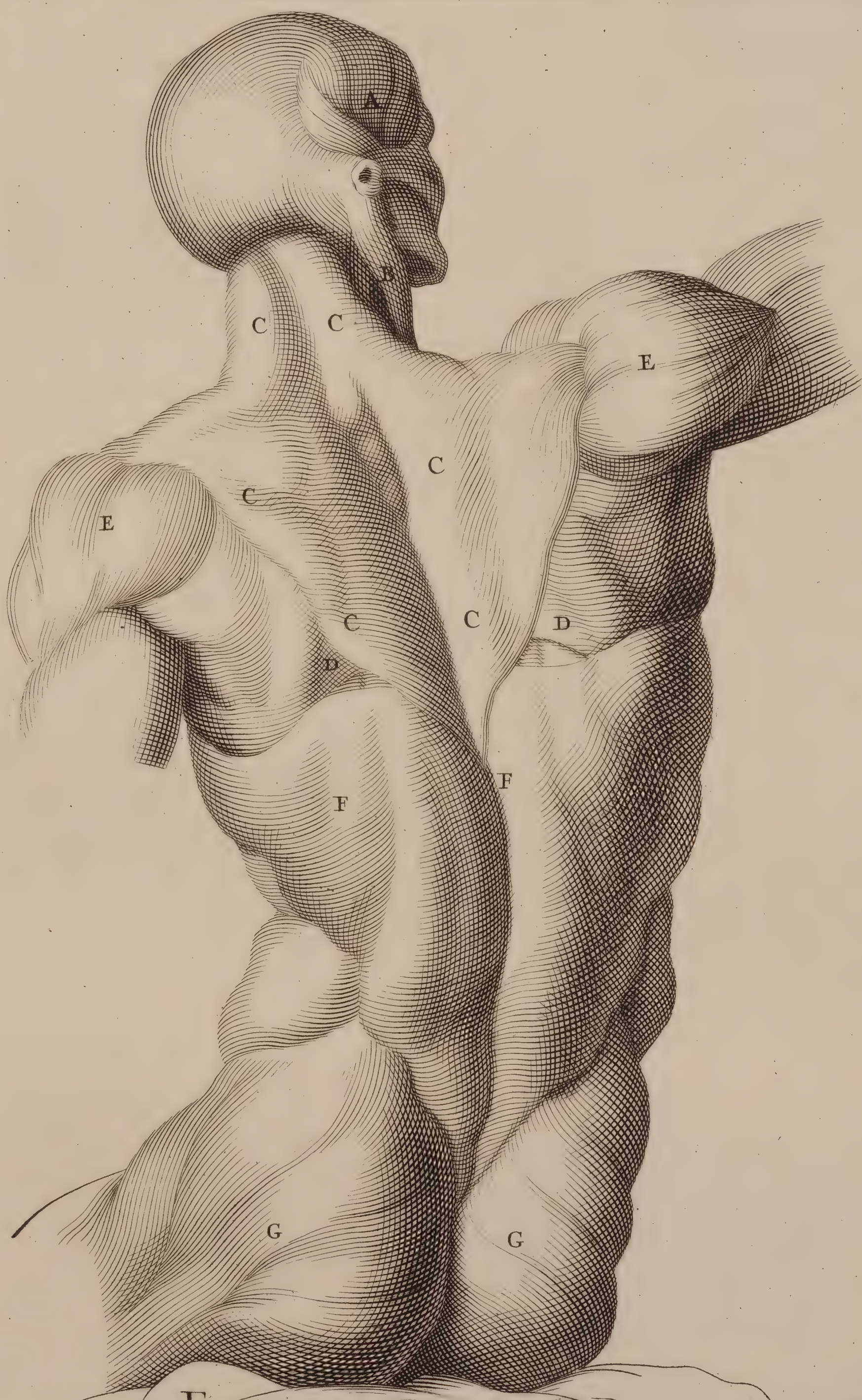
H *The Latissimus
Dorsi which see
more distinctly
in the following
Figure.*

I *Musculi Glutæi
whereof in their
Place.*



TABLE XII.

*Shewing those Muscles w.^{ch} appear at first sight in
y^e Hind Part of the Human Trunk or Busto.*



EXPLANATION.

A. *Musculus Temporalis*, which serves to
raise the lower Jaw.
B The *Mastoideus* already mentioned.
C *Musculus Trapezius* or *Cucullaris* serv-
ing to draw y^e Scapula upwards and
Sidewise.
D Parts of y^e *Musculus Rhomboides* w.^{ch}

serves to move y^e Scapula obliquely up-
wards.
E *Musculus Deltoides*, one of y^e Elevators
of y^e Scapula. F. A Muscle from its large-
ness call'd *Latissimus Dorsi*, & sometimes *Ani-*
scalptor; from its Action backwards & down-
wards. G *Musculi Glutæi majores*.
which are the Extensors of the Femur.

TABLE. XIII. Shewing the MUSCLES & other Parts (23)
lying underneath y^e Members mentioned in the Foregoing Table.

A *Musculi Splenij* w.^{ch} with some o-
thers, and particularly those y^e fol-
low, serve to throw back the Head.

B *Musculi Complexi.*

C *Musculi Levatores*
Scapulæ, commonly
call'd *Musculi Pa-*
tientia, from their
Action in shrugg-
ing up y^e should-
ers, in forced,
Submissions.

D The Scapulæ stripped

of its Muscles.

E *Musculus Rhomboides*, serving to
move the Scapula obliquely upwards.

F The *Musculus Longissimus Dorfi*,
whose Use is to raise the Vertebrae
and the Trunk.

G *Musculus Latissimus Dorfi*, al-
ready mentioned.

H Os Ilium.

a Ribs.

b *External Intercostal Muscles*,
serving to draw the Ribs
upwards.

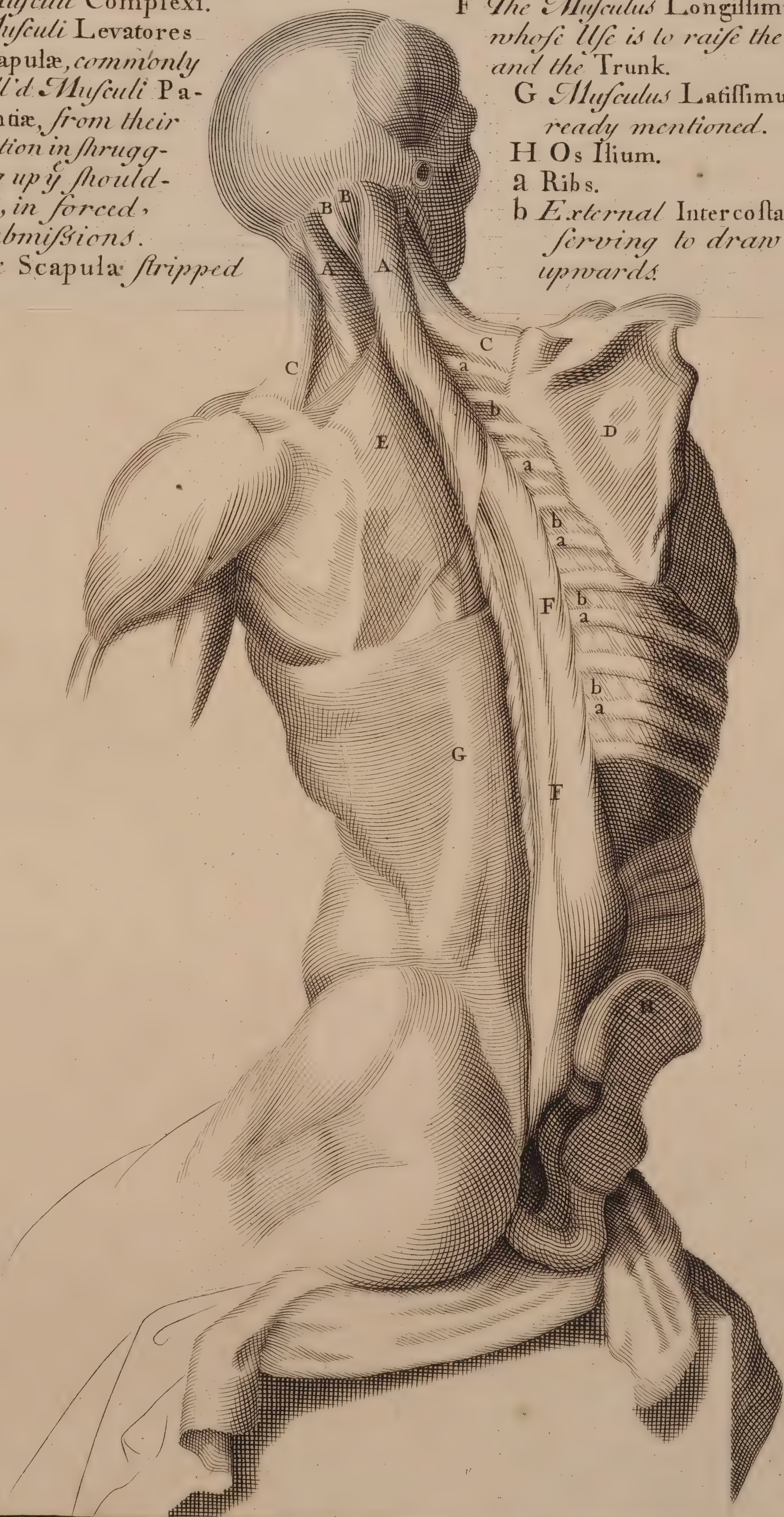


FIGURE I.

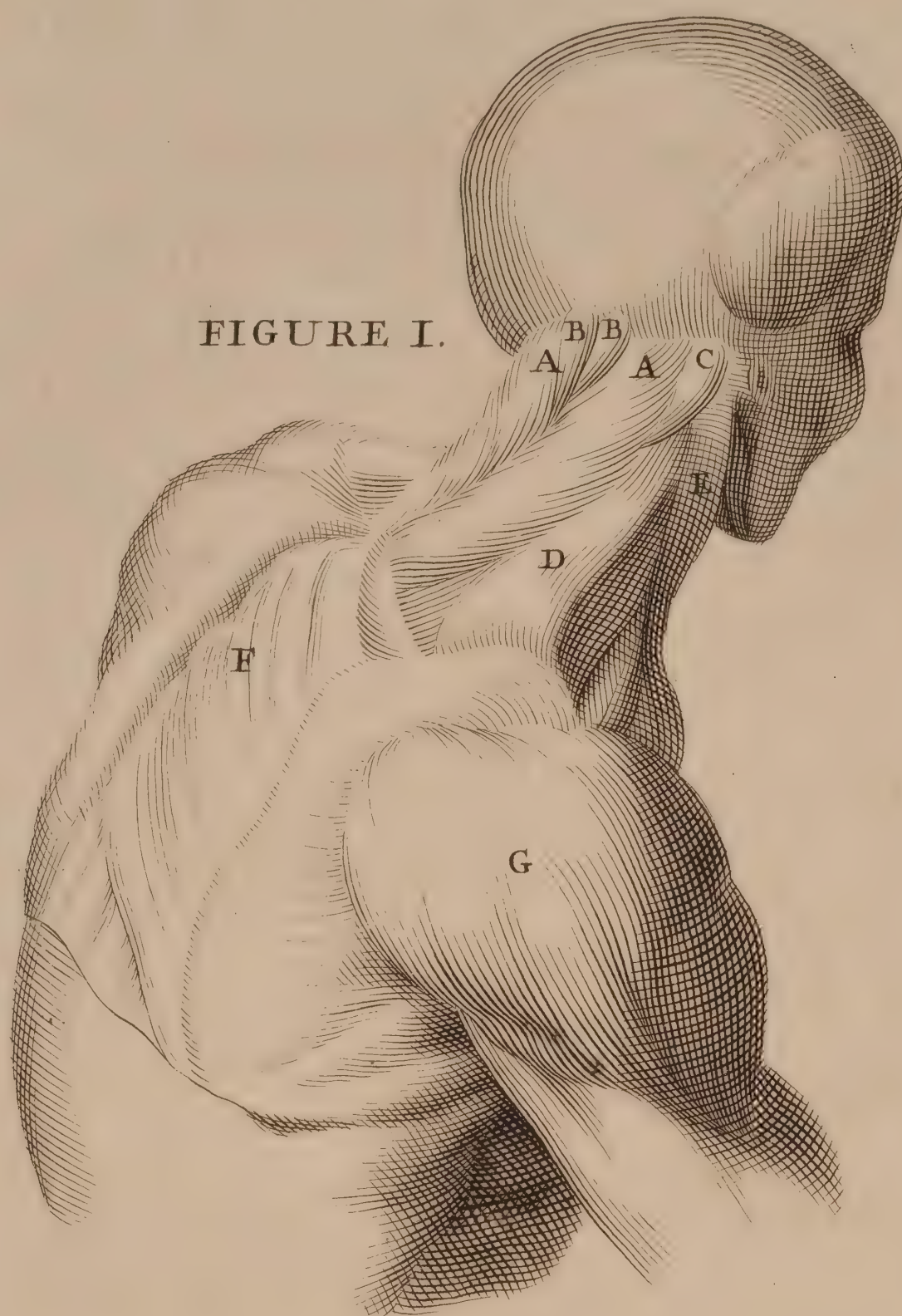
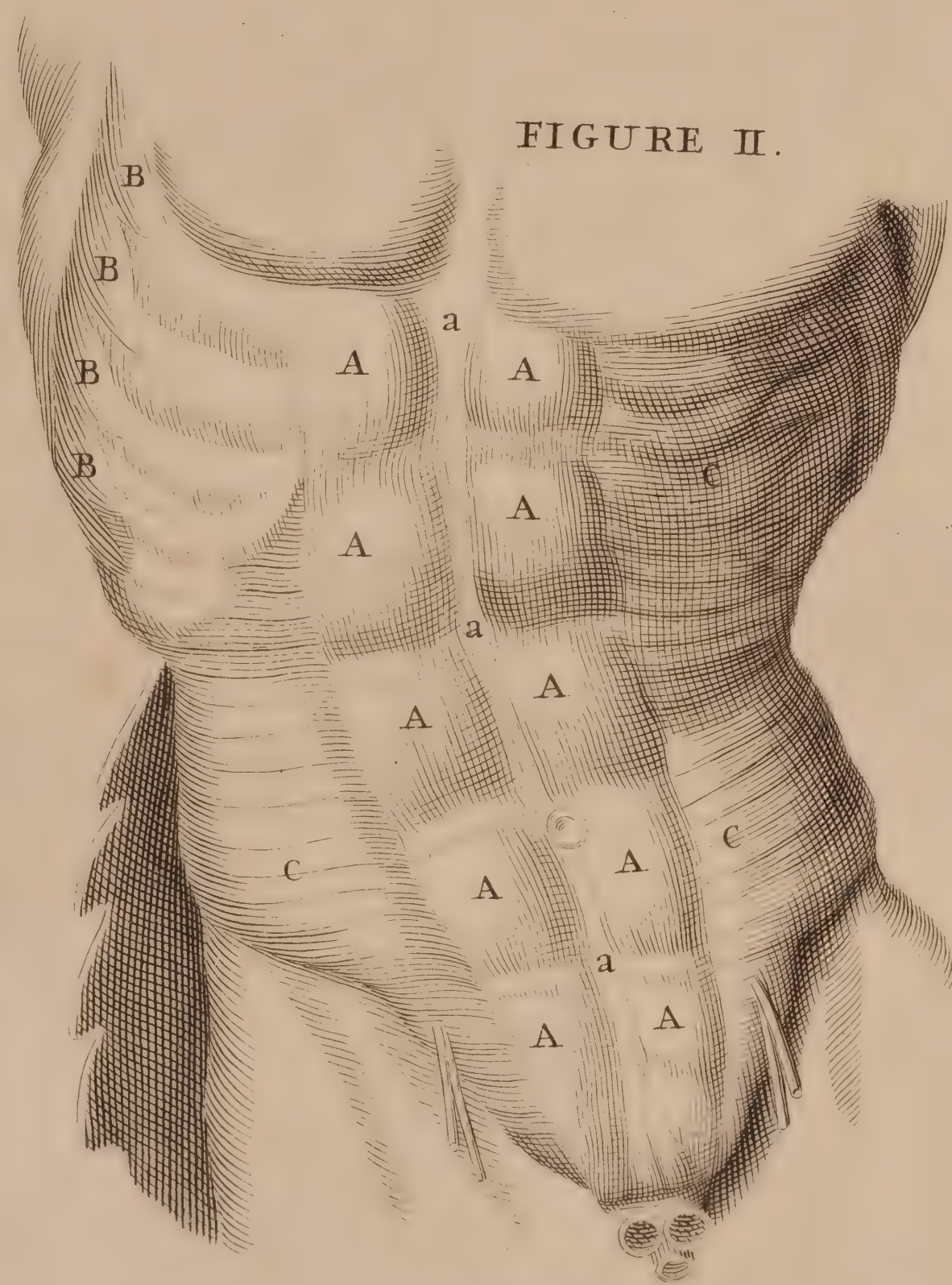


FIGURE II.



EXPLANATION OF TABLE XIV.

Wherein are shewn the **HIND MUSCLES** of the **NECK** and **TRUNK** on the Right Side: as also the **MUSCLES** of the *Lower Ventricle* somewhat more distinctly than in **TABLE** the Tenth.

FIG. I.

- A *The Musculi Splenij.*
- B *Musculi Complexi.*
- C *Elevator Scapulæ Secundus.*
- D *Musculus Patientiæ.*
- E *Mastoideus.*
- F *Rhomboides.*
- G *Deltoides*

FIG. II.

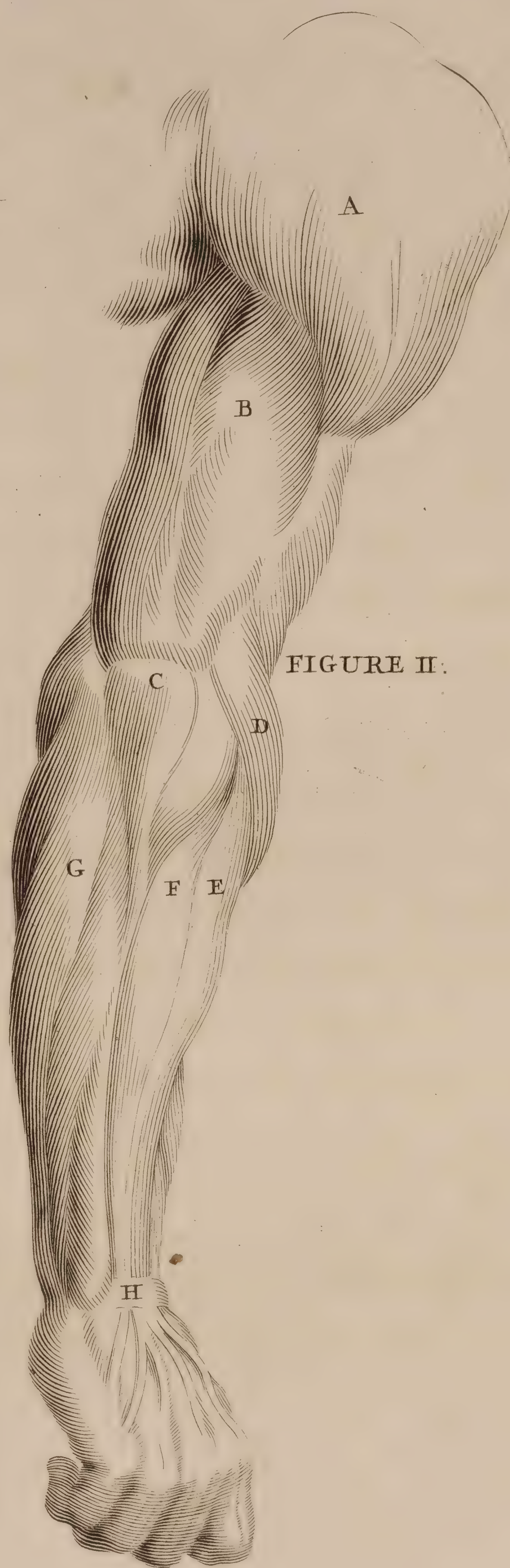
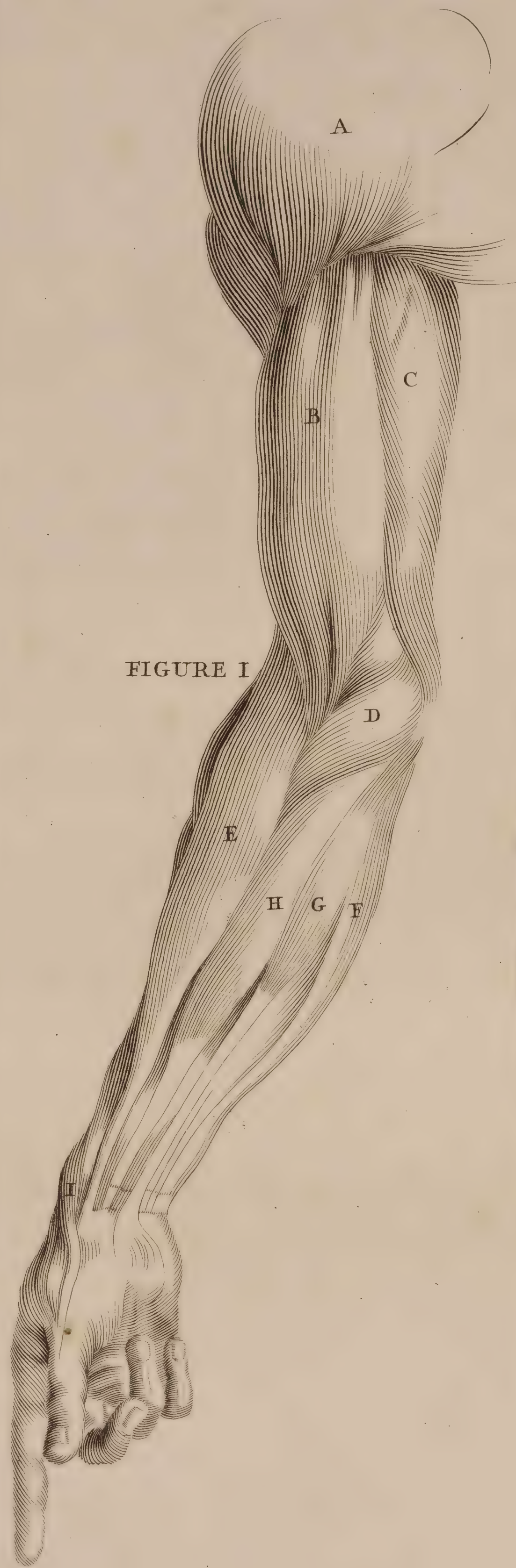
Of the same kind nth Table the Tenth.

A *Musculi Recti.*

B *Musculi Serrati Antici Majores.*

C *Musculi Transversales, n^{ch}.*
Seperating y^e Vertebrae from y^e Loins, & passing transversely over y^e Peritoneum terminate in the Linea Alba.

The Linea Alba or white line running directly from y^e Cartilago Ensiiformis thro^{gh} Navel to the Os Pubis.



EXPLANATION OF TABLE XV.

Wherein are shewn the Muscles of the Arm and the Hand both in a Fore and a Hind

SITUATION.

FIGURE I.

- A *The Musculus Deltoides.*
 B *Musculus Biceps so called as having a double Origin. It serves to bend y^e Cubitus.*
 C *The Musculus Brachiaeus, serving also to bend y^e Cubitus.*
 D *The Musculus Pronator longus or Rotundus Radii, which serves to turn y^e Palm of the Hand inwards, & Assists in giving a Circular Motion to the Arm.*
 E *Musculus flexor externus Carpi, w.^{ch} serves to bend y^e Wrist.*
 F *Musculus flexor internus Carpi, serving likewise to bend y^e Wrist.*
 G *Musculus Palmaris w.^{ch} shuts & contracts y^e Palm of y^e Hand.*

H *Musculus flexor Secundi Inter-nodii Digitorum Manûs.*

I *Musculus Primus Extensor Pollicis.*

FIGURE II.

- A *Musculus Deltoides.*
 B *Musculus Primus Extensor Cubiti.*
 C *The Tubercle called Olecranon.*
 D *Musculus extensor Carpi externus.*
 E *Musculus extensor Digitorum Primus.*
 F *Musculus extensor Digitorum Secundus.*
 G *Musculus flexor internus Carpi. Ligamentum Annulare externum*
 H *Carpi, Under w.^{ch} pass, & are con-stringed y^e Muscles of y^e Cubitus in the Use of the Hand.*

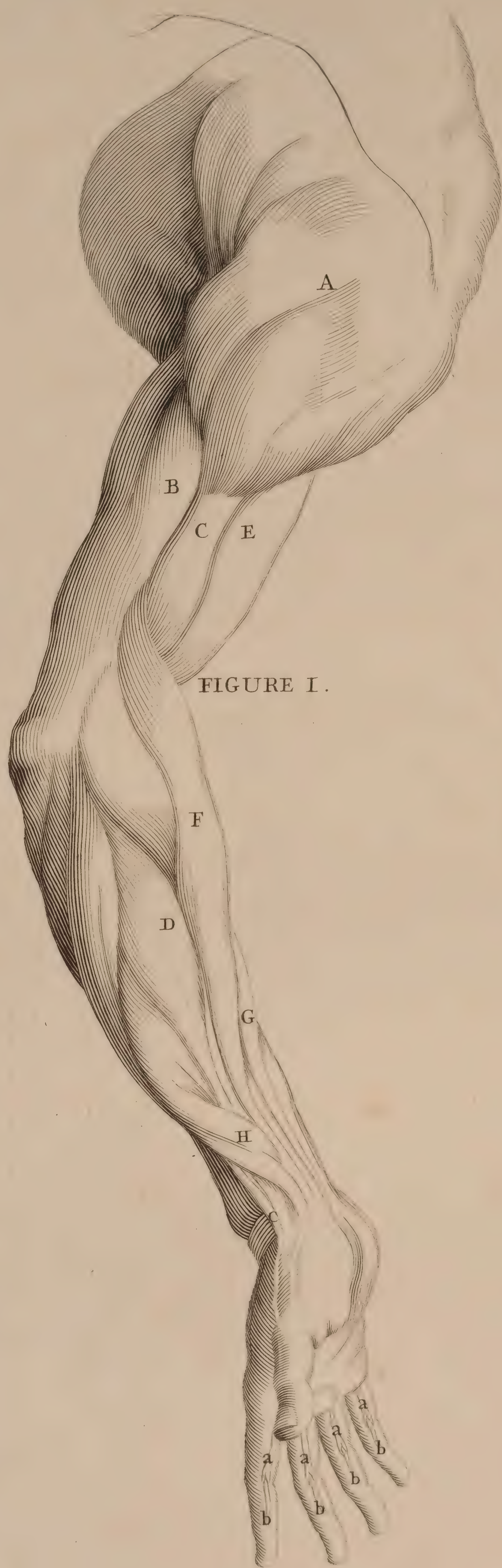


FIGURE I.

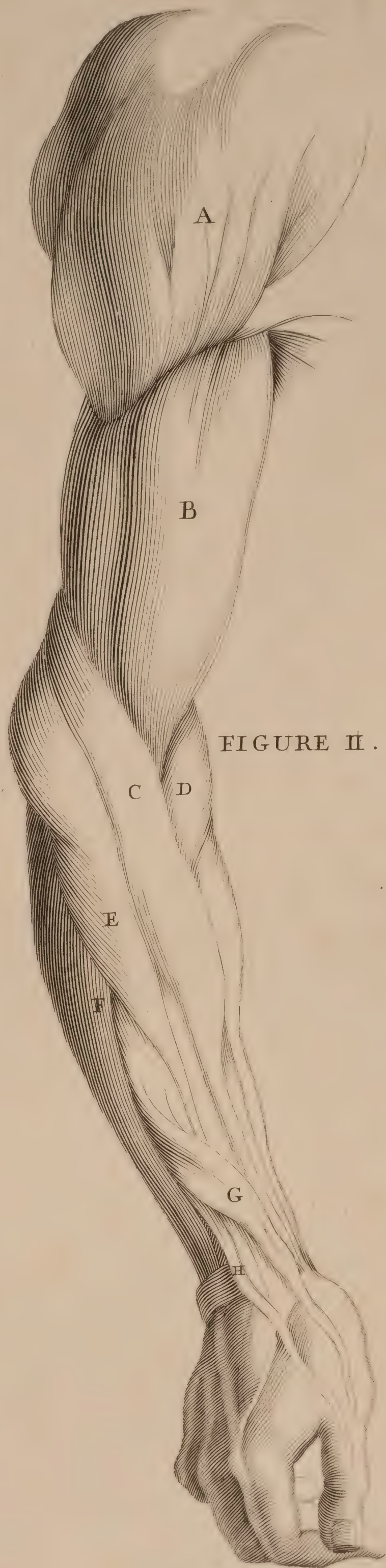


FIGURE II.

EXPLANATION OF TABLE XVI.

Wherein are shewn the Muscles of the Arm and Hand in Fore-side Views; already mentioned in the former Table.

FIGURE I.

- A. *Musculus Deltoides.*
- B. *Musculus primus extensor Cubiti.*
- C. *Musculus Biceps.*
- D. *Musculus flexor Externus Carpi.*
- E. *Musculus Brachiaëus.*
- F. *Musculus Flexor 2.^{di} Internodii Digitorum.*
- G. *Musculus Flexor Internus Carpi.*
- H. *Musculus Secundus extensor Pollicis.*
- a. *Tendons of the Musculus Flexor 2.^{di} Internodii Digitorum perforatus.*
- b. *Tendons of the Musculus Flexor 2.^{di} Internodii Digitorum perforans.*

- c. *Musculus extensor Pollicis Primus.*

FIGURE II.

- A. *Musculus Deltoides.*
- B. *Musculus Biceps.*
- C. *Musculus Extensor Carpi internus.*
- D. *Musculus Flexor Carpi externus.*
- E. *Musculus extensor Digitorum primus.*
- F. *Musculus extensor Digitorum Secundus.*
- G. *Musculus extensor Pollicis Secundus.*
- H. *Musculus extensor Pollicis primus.*

Wherein are represented the Muscles of the Arm, and ³⁰
Hand, in several Situations.

FIGURE I.

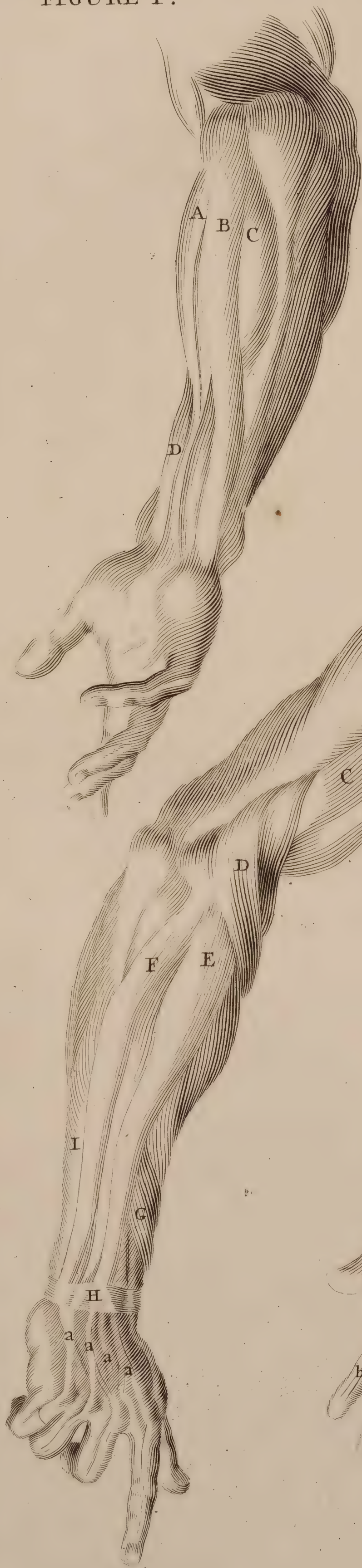


FIGURE I & II.

- A. The *Musculus Palmaris*.
- B. *Musculus flexor Internus Carpi*.
- C. *Musculus flexor Digitorum*.
- D. *Musculus flexor externus Carpi*.
- a. Tendons of the *Musculus Perforatus*.
- b. Tendons of the *Musculus Perforans*.

FIGURE III.

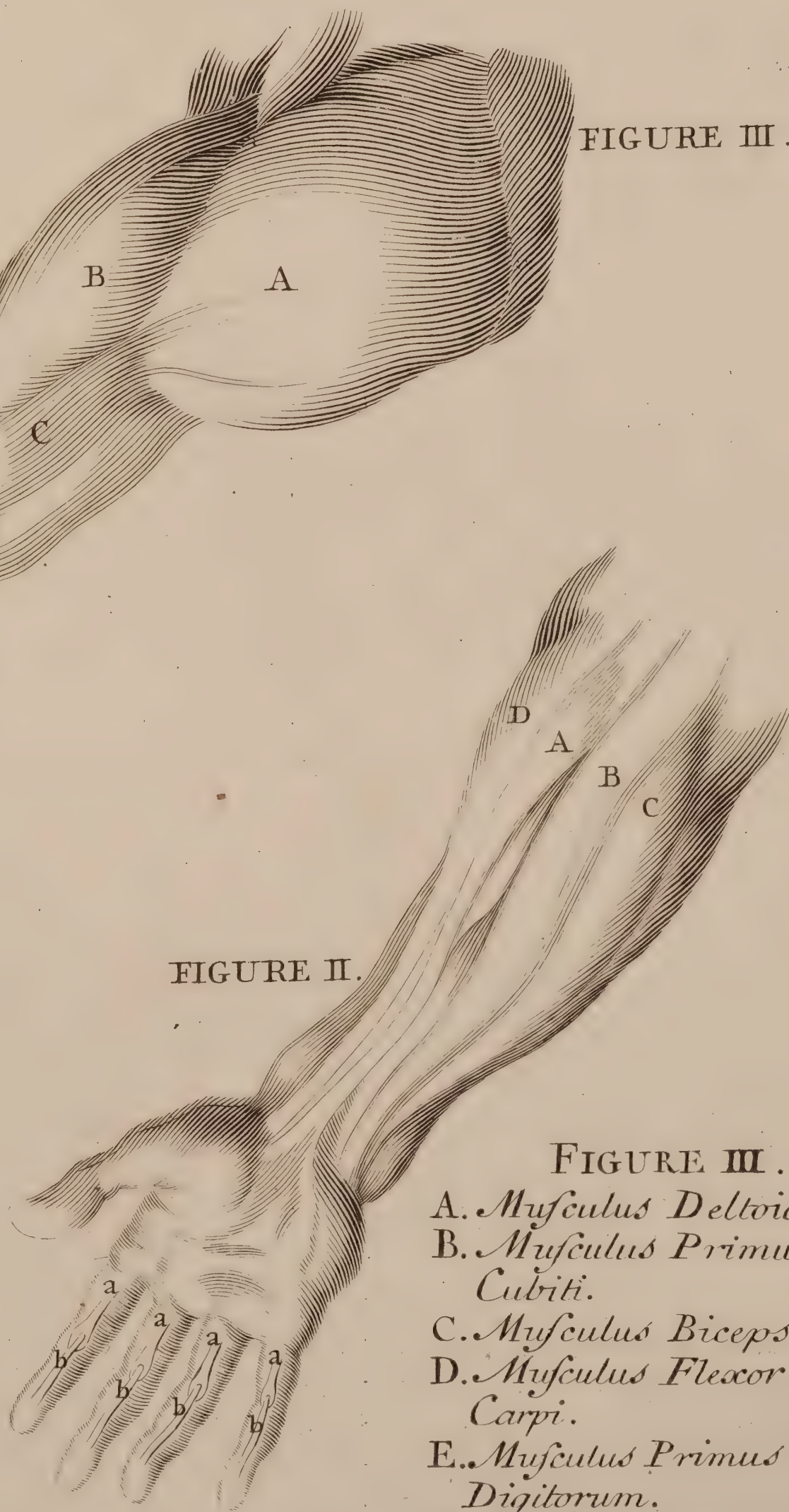


FIGURE II.

FIGURE III.

- A. *Musculus Deltoides*.
- B. *Musculus Primus extensor Cubiti*.
- C. *Musculus Biceps*.
- D. *Musculus Flexor externus Carpi*.
- E. *Musculus Primus Extensor Digitorum*.
- F. *Musculus Secundus Extensor Digitorum*.
- G. *Musculus extensor Primi Inter-nodij Pollicis*.
- H. *Ligamentum Annulare* of the Carpus.
- I. *Musculus extensor internus Carpi*.
- a. Tendons of the *Musculi exten-sores Digitorum*.

*Wherein the Muscles of the Arm and Hand are
shewn in different Situations.*

FIGURE I.

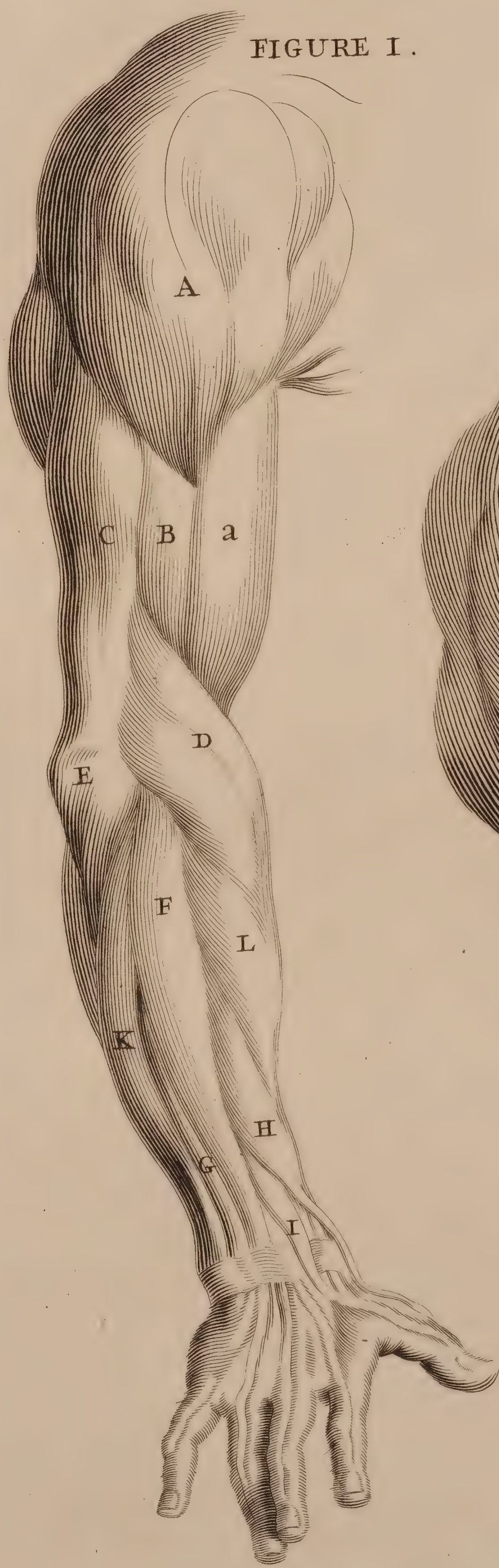
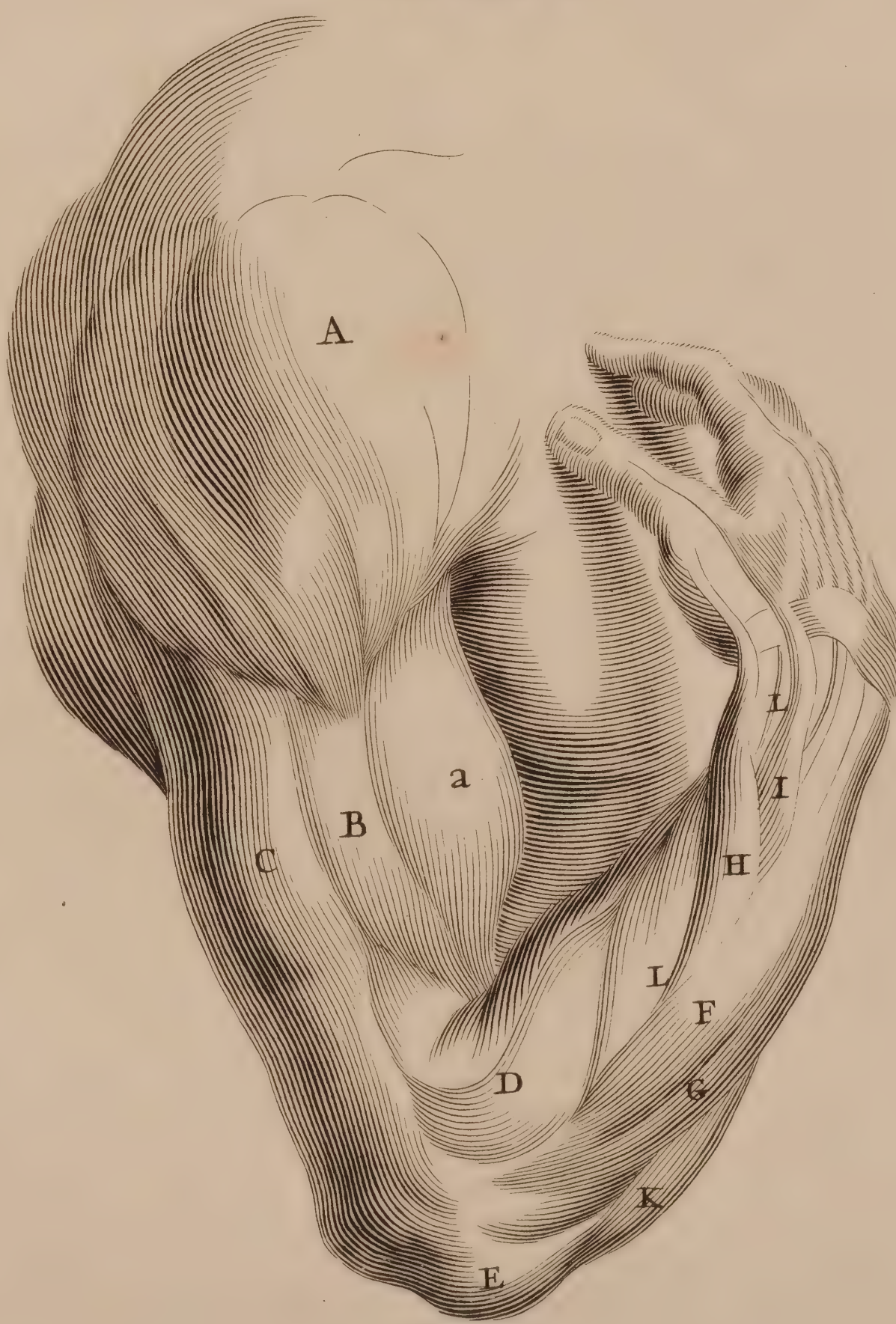


FIGURE II.



A. *The Musculus Deltoides.*
a. *Musculus Brachialis.*
B. *Musculus Biceps.*
C. *Musculus extensor Cubiti.*
D. *Musculus flexor externus Carpi.*
E. *The Olecranon.*

F. *Musculus extensor Digitorum Primus.*
G. *Musculus extensor Digitorum Secundus.*
H. *Musculus extensor 2.^{di} Internodij Pollicis.*
I. *Musculus extensor 3.^{tu} Internodij Pollicis.*
K. *Musculus extensor internus Carpi.*
L. *Musculus extensor Carpi externus.*

FIGURE I.

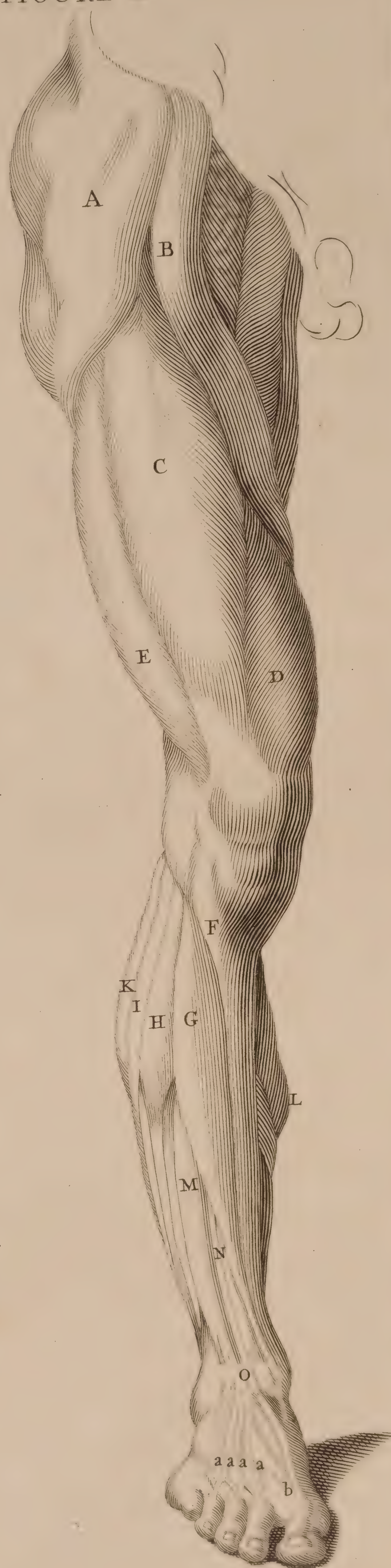
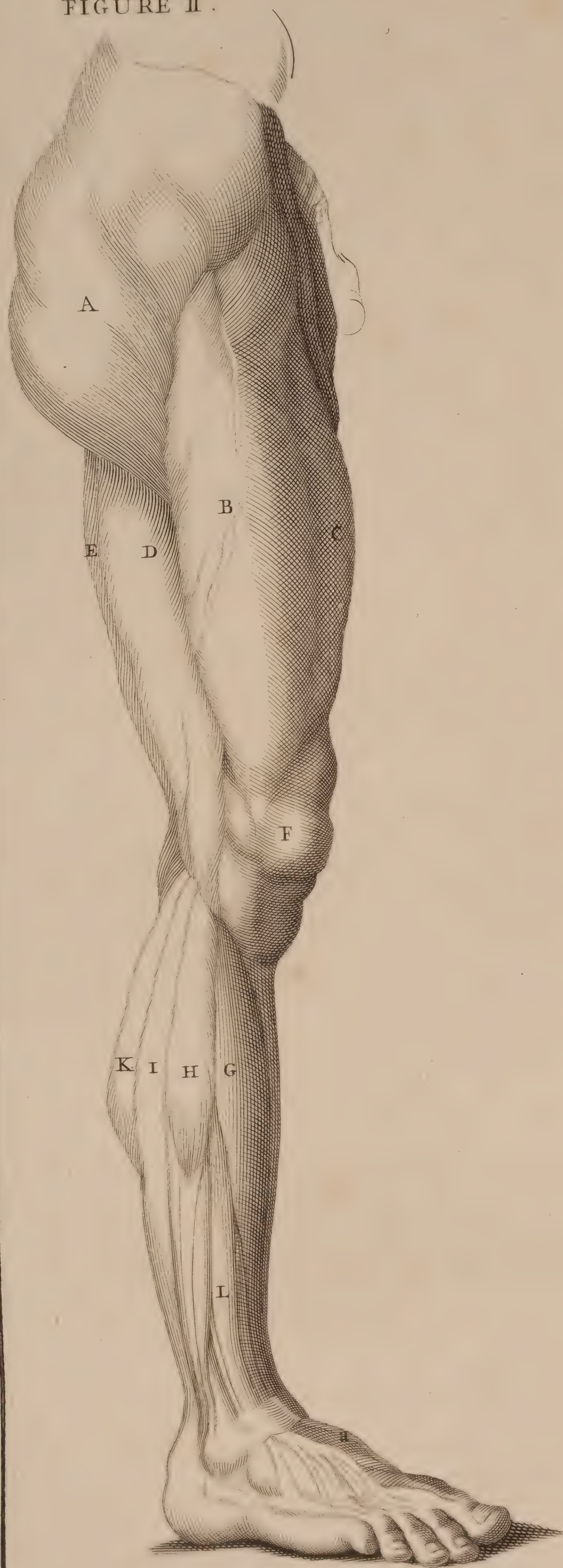


FIGURE II.



G. F. Dr. Gucht, Buchst.

EXPLANATION OF TABLE XIX.

Wherein are shewn the MUSCLES of y^e THIGH, LEG and FOOT, in FRONT, and in OUT-SIDE Views.

FIG. I.

- A *Musculi Glutæi*, Serving to draw up the Thigh.
 B *A Muscle call'd Fascialis*, from its running athwart y^e Thigh like a Swath; & SARTORIUS from the Use Taylors make of it in lifting one leg across the other.
 C *Musculus Rectus*.
 D *Musculus vastus internus*.
 E *Musculus vastus externus*, all three appointed to extend the Leg.
 F *Os Tibiæ*.
 G *Musculus Tibialis anticus*, serving to raise or bend y^e Foot
 H *Musculus Peronæus posticus* serving to draw or raise y^e foot inwardly
 L K I *Musculus Gemellus*, call'd also *Gastrocnemius* & *Soleus*, w^{ch} appearing united, form y^e Calf of the Leg, & will be shewn more distinctly in y^e following Table.
 M *Musculus extensor tertii Internodij Digitorum*.

N *Musculus extensor tertii Internodij Pollicis*.

O *Ligamentum Annulare of y^e Foot*, which binds in y^e Tendons of the Muscles underneath it.

a Tendons of the *Musculus extensor tertii Internodij Digitorum*.

b Tendons of the *Musculus extensor tertii Internodij Pollicis*.

FIG. II.

- A *Musculi Glutæi*.
 B *Musculus Vastus externus*
 C *Musculus Rectus*
 D *Musculus Biceps* w^{ch} wth some others serve to bend the Knee.
 E *Musculus Semimembranosus*, Serving also to bend y^e Knee.
 F *Rotula or Patella of the Knee*.
 G *Musculus Tibialis anticus*.
 H *Musculus Peronæus Posticus*.
 I K *Musculus Gastrocnemius & Soleus* united. — L *Musculus extensor 3.^{ti} Internodij Digitorum*.
 a *Tendon of the Musculus extensor 3.^{ti} internodij Pollicis*.

FIGURE II.

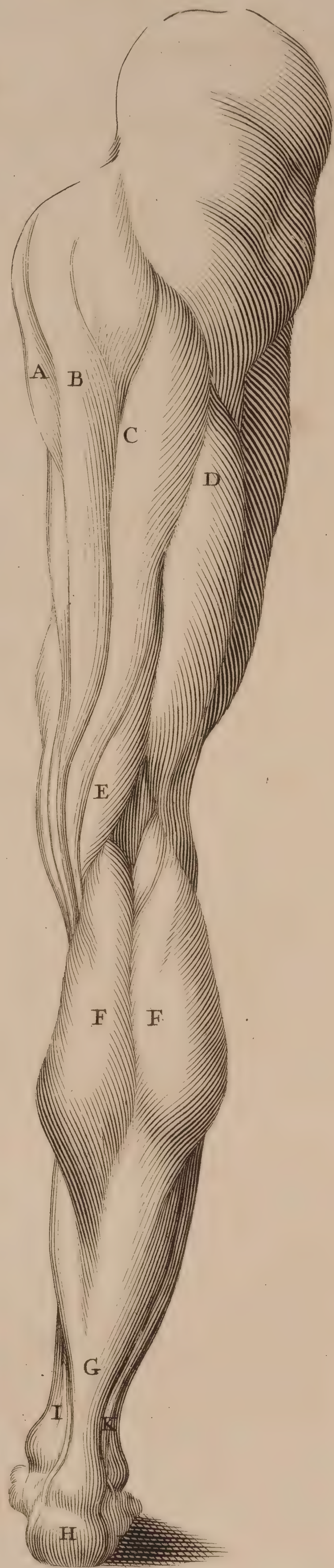
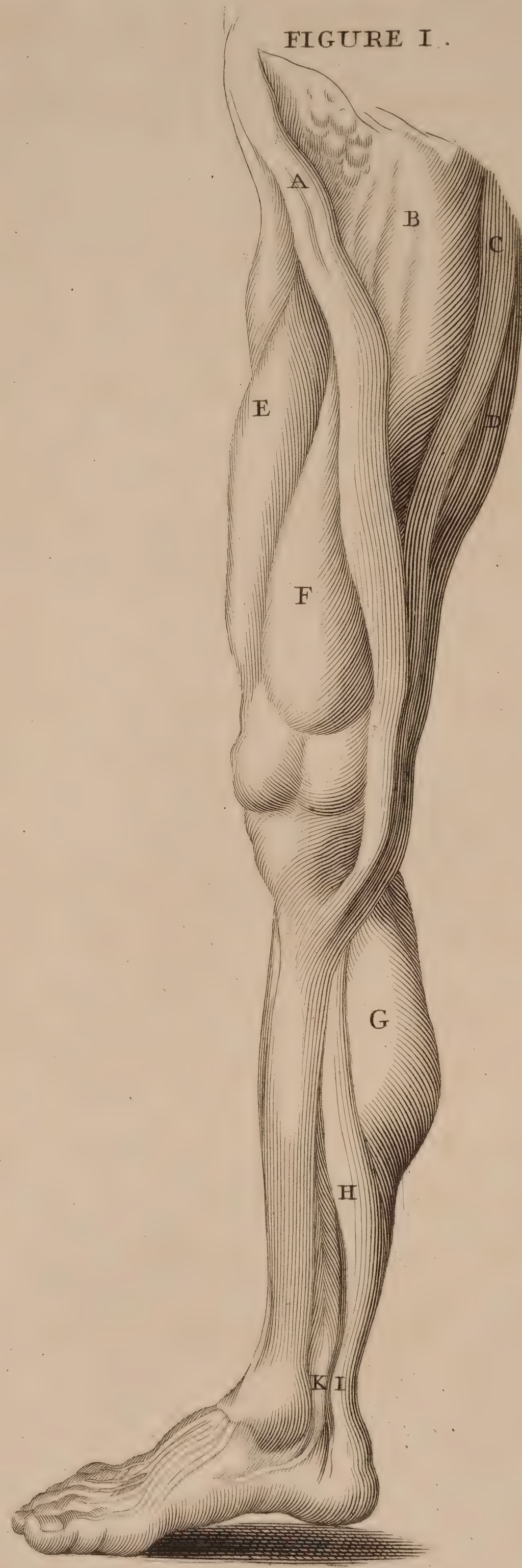


FIGURE I.



EXPLANATION OF TABLE XX.

Wherein the **MUSCLES** of the same parts are
shewn in two different Views.

FIG. I.

- A *Musculus Fascialis.*
 B *Musculus Triceps, serving to draw one Thigh towards the other.*
 C *Musculus Gracilis, one of y^e Muscles serving to bend y^e Knee.*
 D *Musculus Seminervofus, serving for the same purpose.*
 E *Musculus Rectus.*
 F *Musculus vastus internus.*
 G *Musculus Gasterocnemius.*
 H *Musculus Soleus, w.^{ch} uniting with the last mentioned, forms a strong Tendon call'd Chorda magna in I.*
 K *Musculus Tibiæus Posticus, serving to draw one foot towards the other.*

FIG. II.

- A *Musculus Gracilis.*
 B *Musculus Seminervofus.*
 C *Musculus Semimembranofus.*
 D *Musculus Biceps.*
 E *Musculus Supoplitæus; all which five Muscles serve to bend the Leg.*
 F *Musculus Gasterocnemius, or Gemellus, which forms the outer part of the Sura, or Calf of the Leg, below which it contracts it self into a large Tendon and forms the Chorda Magna in G.*
 H *The Heel.*
 I *Musculus Tibiæus Posticus.*
 K *Musculus Peroneus Posticus.*

TABLE XXI



EXPLANATION OF TABLE XXI.
*The Front View of an Anatomical Model, re-
 presenting the Surface of the Body;
 as taken from a Carcase.*

A <i>The Musculus</i> Palmaris.	a Olecranon.
B <i>The Os</i> Jugale.	b <i>Musculus</i> Palmaris.
C <i>Musculus</i> Attollens Labij Superioris.	c <i>Musculi</i> Serrati Antici Ma- jores.
D <i>Musculus</i> Masseter.	d <i>Musculus latissimus</i> Dorsi.
E <i>Musculus</i> Mastoideus.	e <i>Musculi</i> Obliqui Descendentes.
F <i>Musculus</i> Sternothyroideus.	f <i>Musculi Recti</i> Abdominis.
H <i>Musculus</i> Coracohyoideus.	g <i>Parts of the Musculi</i> Glutæi.
I <i>Musculus</i> Deltoides.	h <i>Musculus</i> Fascialis.
K <i>Musculus</i> Pectoralis.	i <i>Musculus</i> Rectus.
L <i>Musculus extensor</i> Humeri.	k <i>One of the Musculi Flexores,</i> Femuris.
M <i>Musculus</i> Biceps.	l <i>Musculus Vastus Externus.</i>
N <i>Musculus</i> Brachiaëus.	m <i>Musculus Vastus Internus.</i>
O <i>Musculus Flexor externus</i> Carpi.	n <i>Musculus</i> Triceps.
P <i>Musculus Flexor internus</i> Carpi.	r <i>Patella of the</i> Knee.
Q <i>Musculus Flexor</i> Digitorum.	s <i>Musculus</i> Tibialis Anticus.
R <i>Musculus Flexor</i> Pollicis.	t <i>Musculus extensor</i> Digitorum.
S <i>Musculus extensor</i> Carpi. externus.	u <i>Musculus</i> Peronæus Posticus.
T <i>Alter Musculus Flexor</i> Di- gitorum.	xz <i>Musculi, Gastrocnemius and</i> Soleus.
	y <i>Musculus extensor tertij</i> Interno- dij Pollicis.

TABLE XXII.
A side View of y^e
same Model.

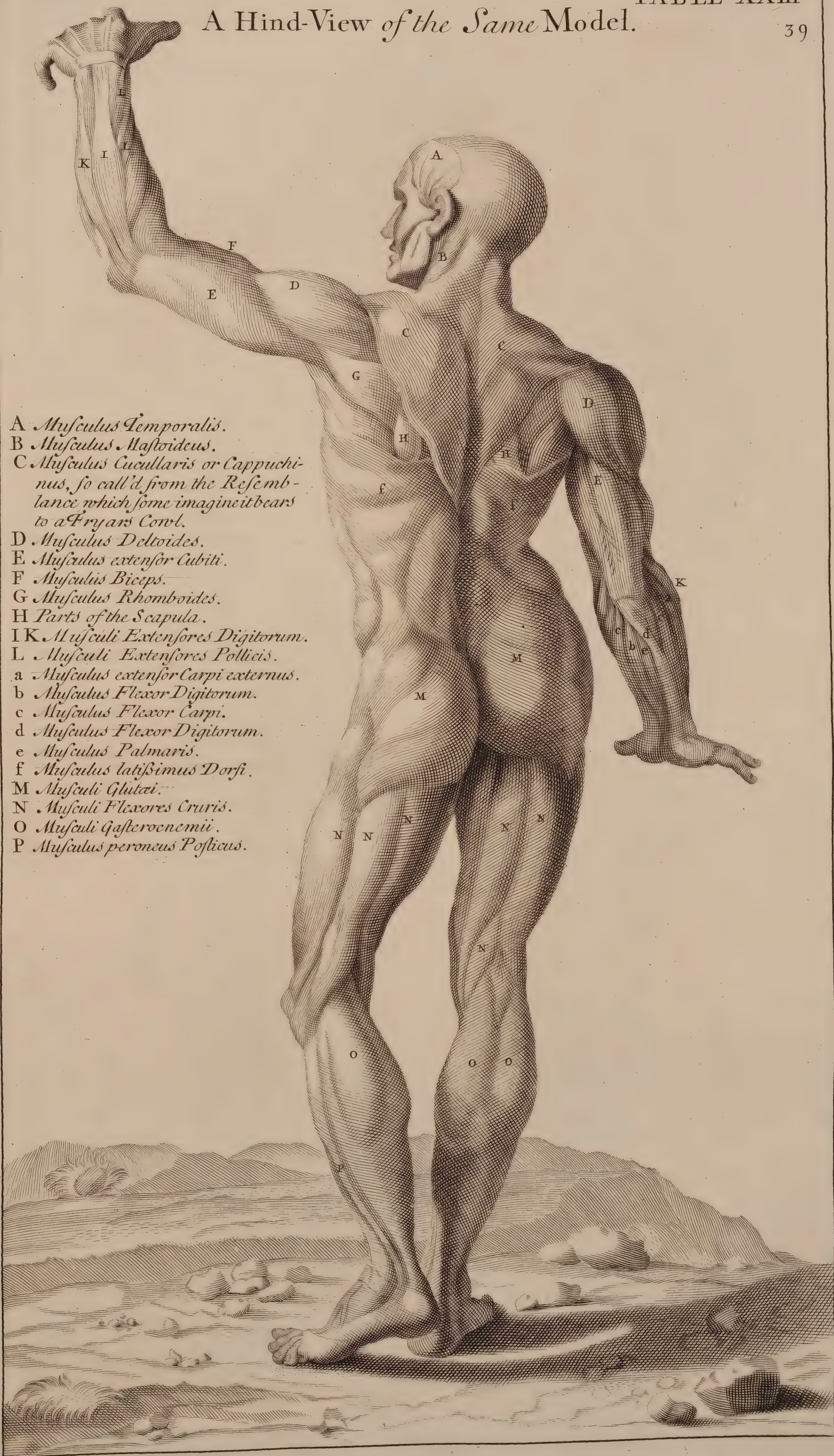
38



- A. *Musculus Mastoideus.*
B. *Musculus Elevator Scapulae.*
C. *Musculus Pectoralis.*
D. *Musculus Deltoides.*
E. *Musculus extensor Humeri.*
F. *Musculus Biceps.*
G. *Musculus extensor Cubiti.*
H. *Musculus flexor externus Carpi.*
I. *Musculus extensor Digitorum.*
K. *Musculus extensor Carpi externus.*
L. *Musculus extensor Pollicis.*
M. *Musculus extensor internus Carpi.*
N. *Musculus Biceps.*
O. *Musculus Palmaris.*
T. *Musculus flexor Digitorum.*
V. *Musculi flexores Carpi.*
X. *Musculus Elevator Pollicis.*

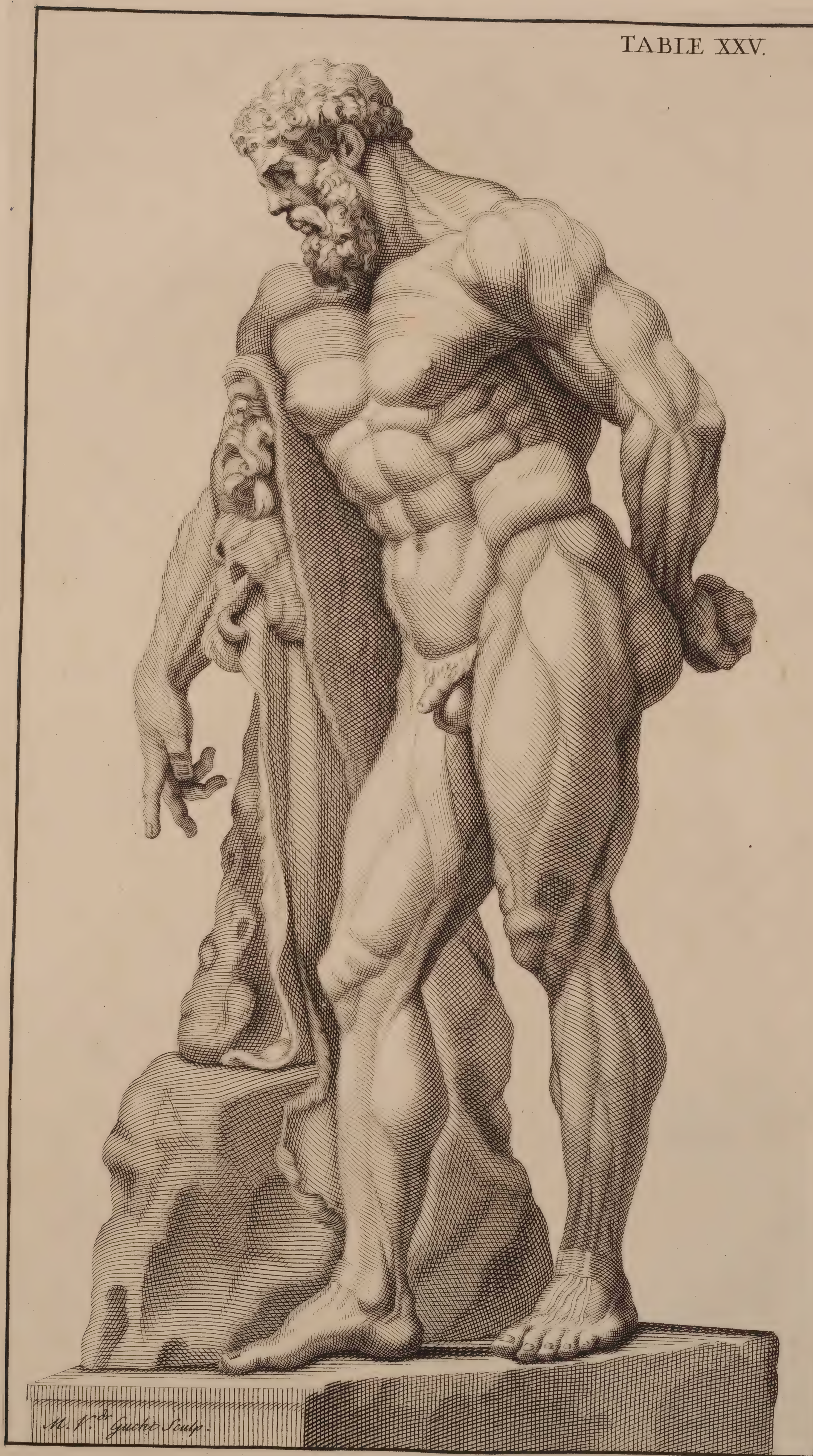
- a. *Musculus Serratus Anticus Major.*
b. *Musculus Obliquus Descendens.*
c. *Musculus Transversalis Abdominis.*
d. *Musculi Glutei.*
e. *Musculus vastus externus.*
f. *Musculus Primus flexor Tibiae.*
g. *Musculus Gastrocnemius.*
h. *Musculus Soleus.*
i. *Musculus Peroneus Posticus.*
k. *Musculus Tibialis anticus.*

A Hind-View of the Same Model.

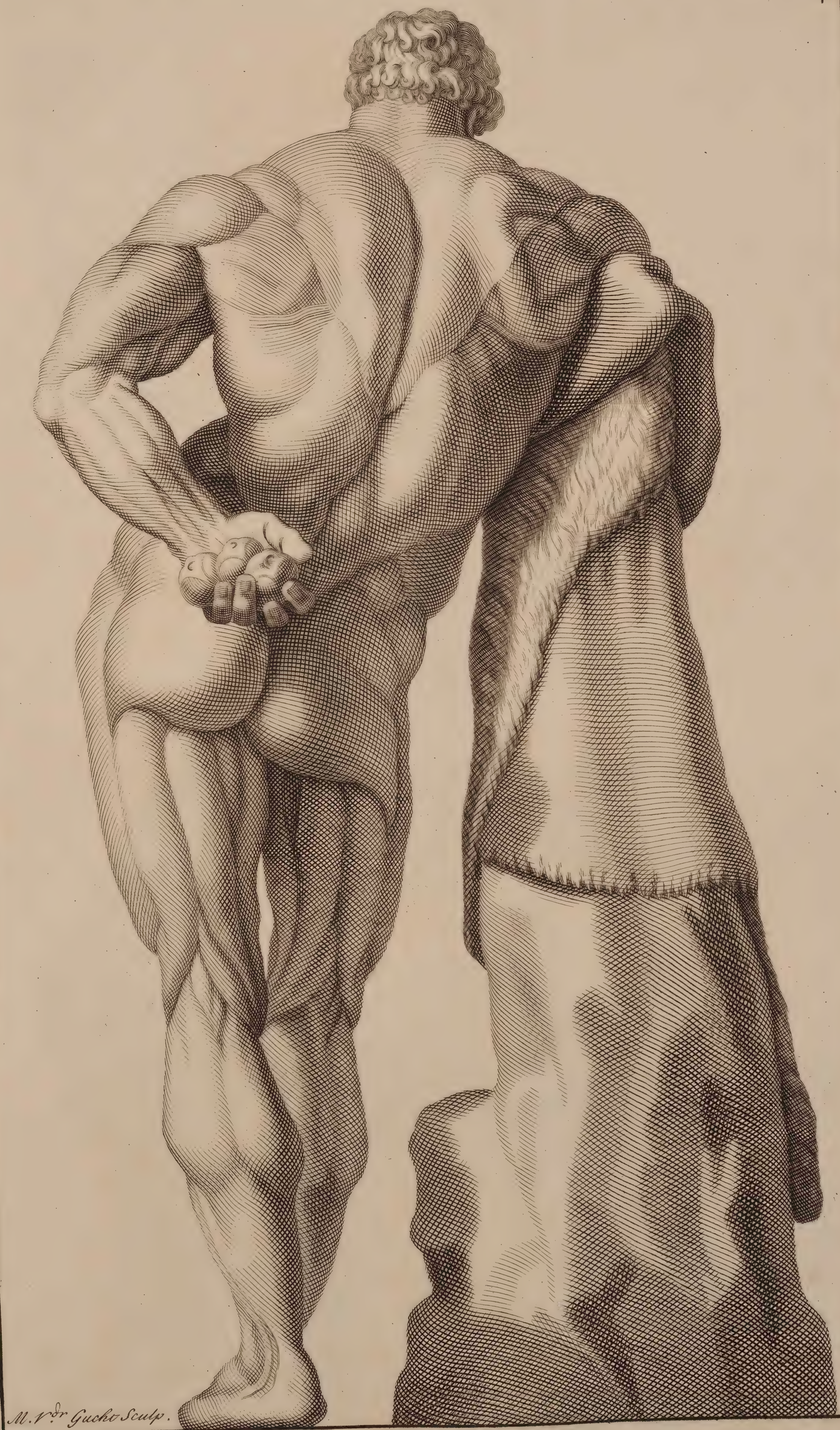




A FRONT VIEW OF THE STATUE OF HERCULES IN THE FARNESE PALACE, CONSIDERD ANATOMI-
CALLY.



THE SAME HERCULES IN A SIDE VIEW.



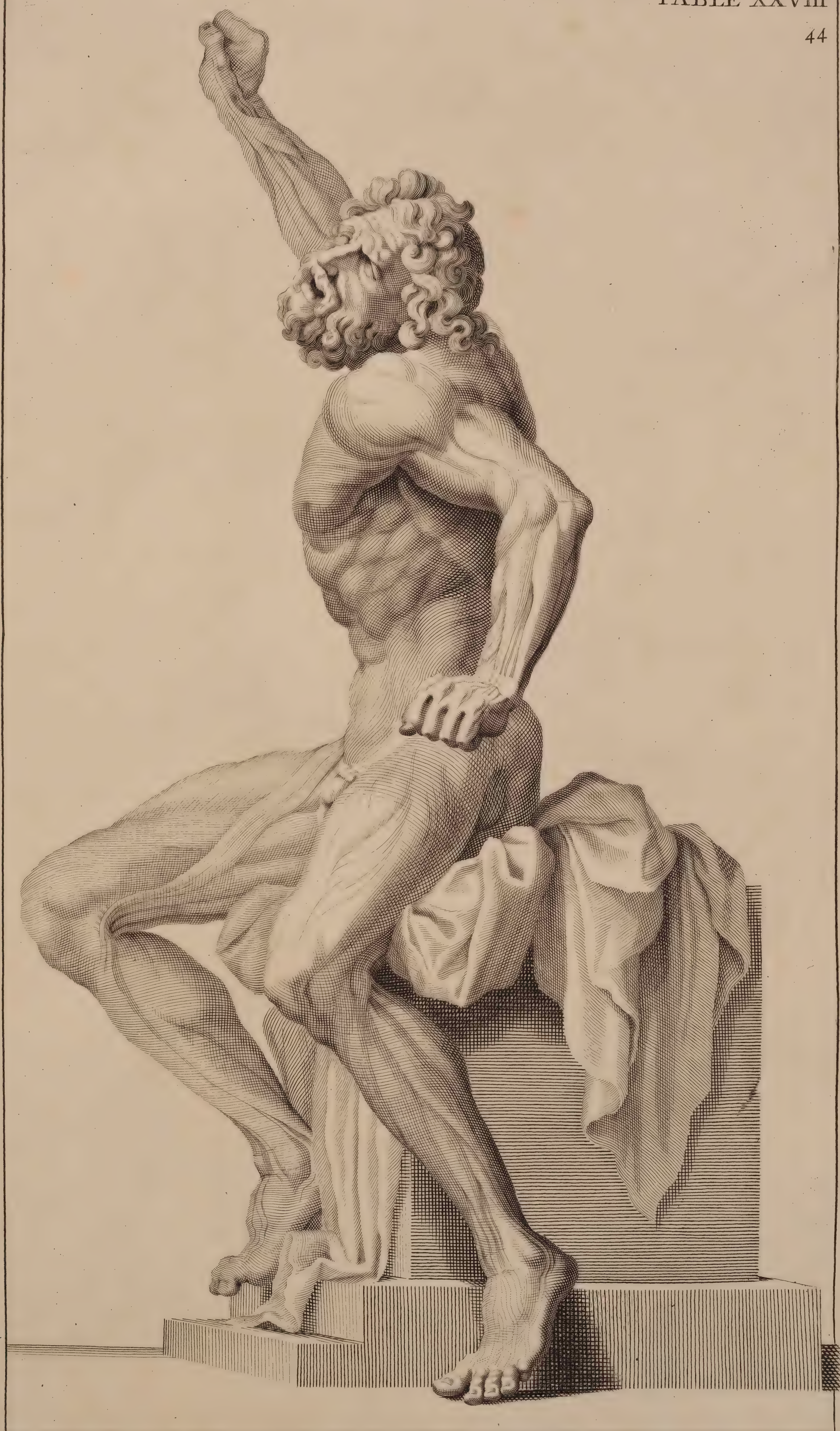
M. V. Guichon Sculp.

THE SAME FARNESE HERCULES VIEW'D FROM BEHIND.



Andr. Nolle sculp.

A FRONT VIEW OF THE STATUE OF LAOCOON IN THE VATICAN CONSIDERD ANATOMICALLY.



THE SAME LAOCOON IN A SIDE VIEW



A THIRD VIEW OF THE LAOCOON, SEEN FROM BEHIND.

*G. V. Gucht Sculp.*

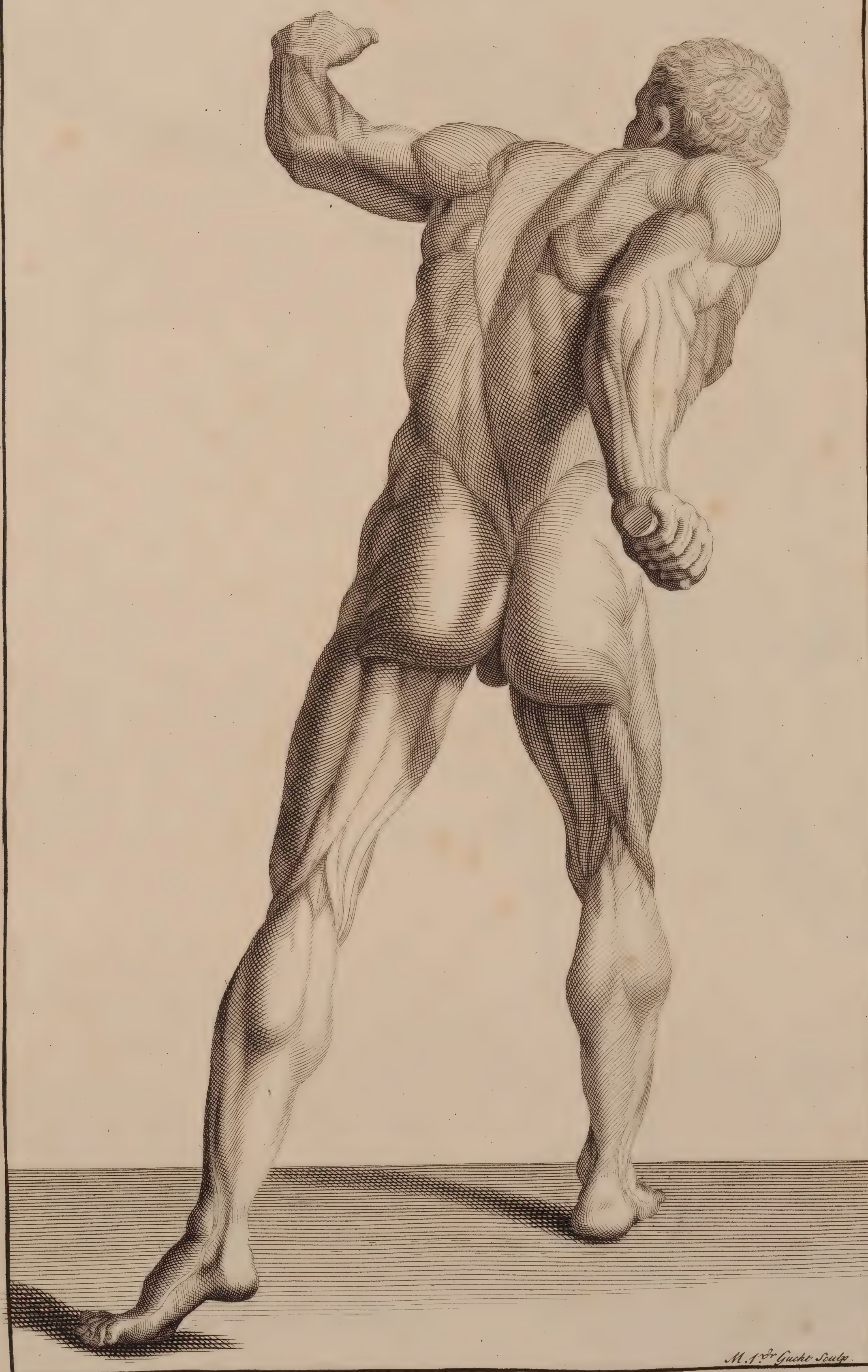
A FRONT VIEW OF THE GLADIATOR IN THE VILLA BORGHESE . CONSIDERED ANATOMICALLY .



A SECOND FIGURE OF THE SAME GLADIATOR REPRESENTED IN A $\frac{3}{4}$ FRONT VIEW



THE SAME GLADIATOR IN A SIDE VIEW



M. J. G. Guichet Sculp.

A FULL HIND VIEW OF THE SAME GLADIATOR .



G. V. G. sculpt.

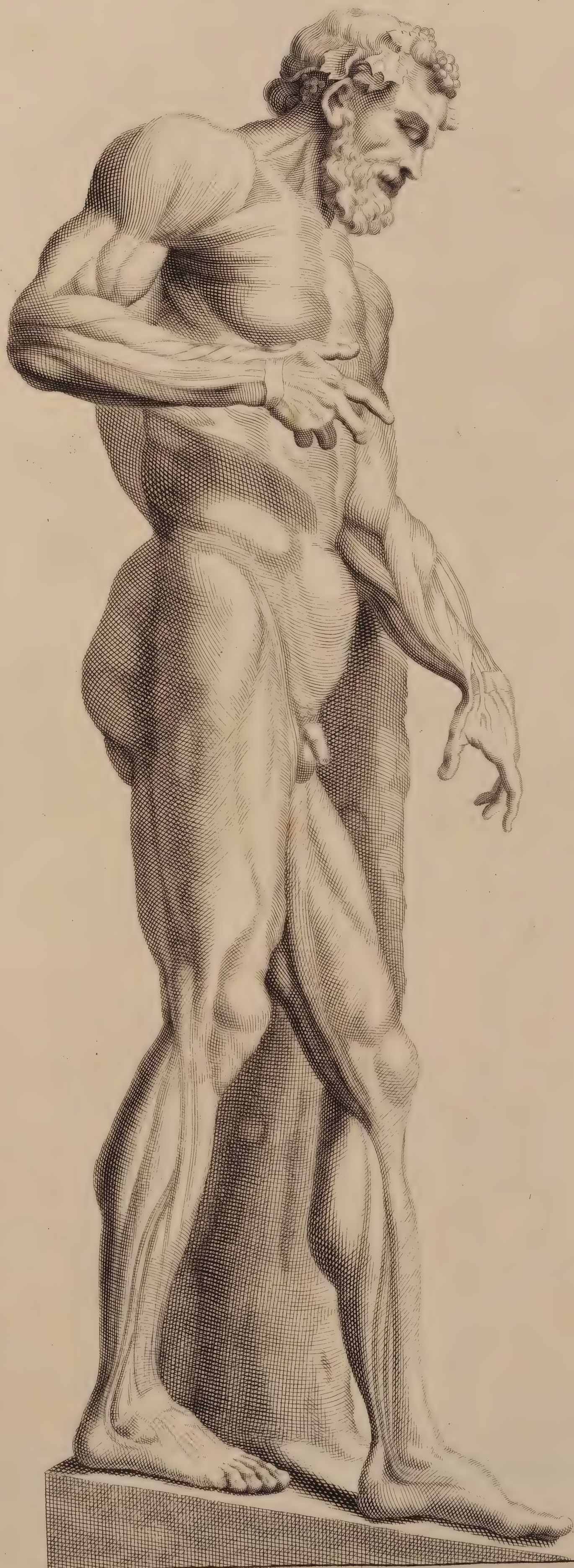
THE SAME GLADIATOR VIEW'D FROM BEHIND



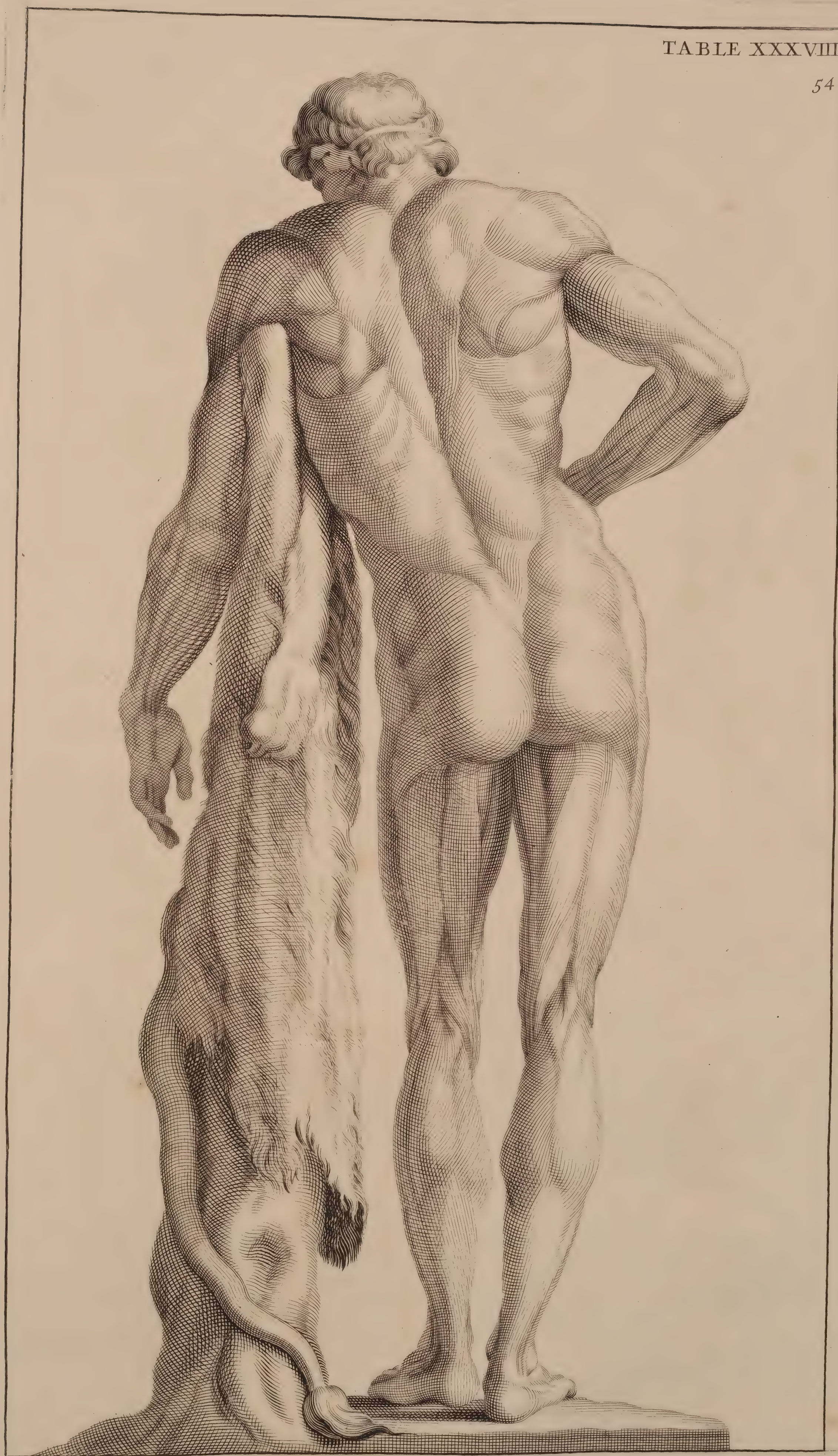
THE SAME GLADIATOR VIEW'D HALF IN PROFILE AND HALF FROM BEHIND



AN ANATOMICAL MODEL EXPRESSING THE PROPORTIONS OF THE STATUE OF
FAUNUS IN THE VILLA BORGHESE. A FRONT VIEW



A SIDE-VIEW OF THE SAME ANATOMICAL MODEL



THE SAME ANATOMICAL MODEL; VIEW'D FROM BEHIND.

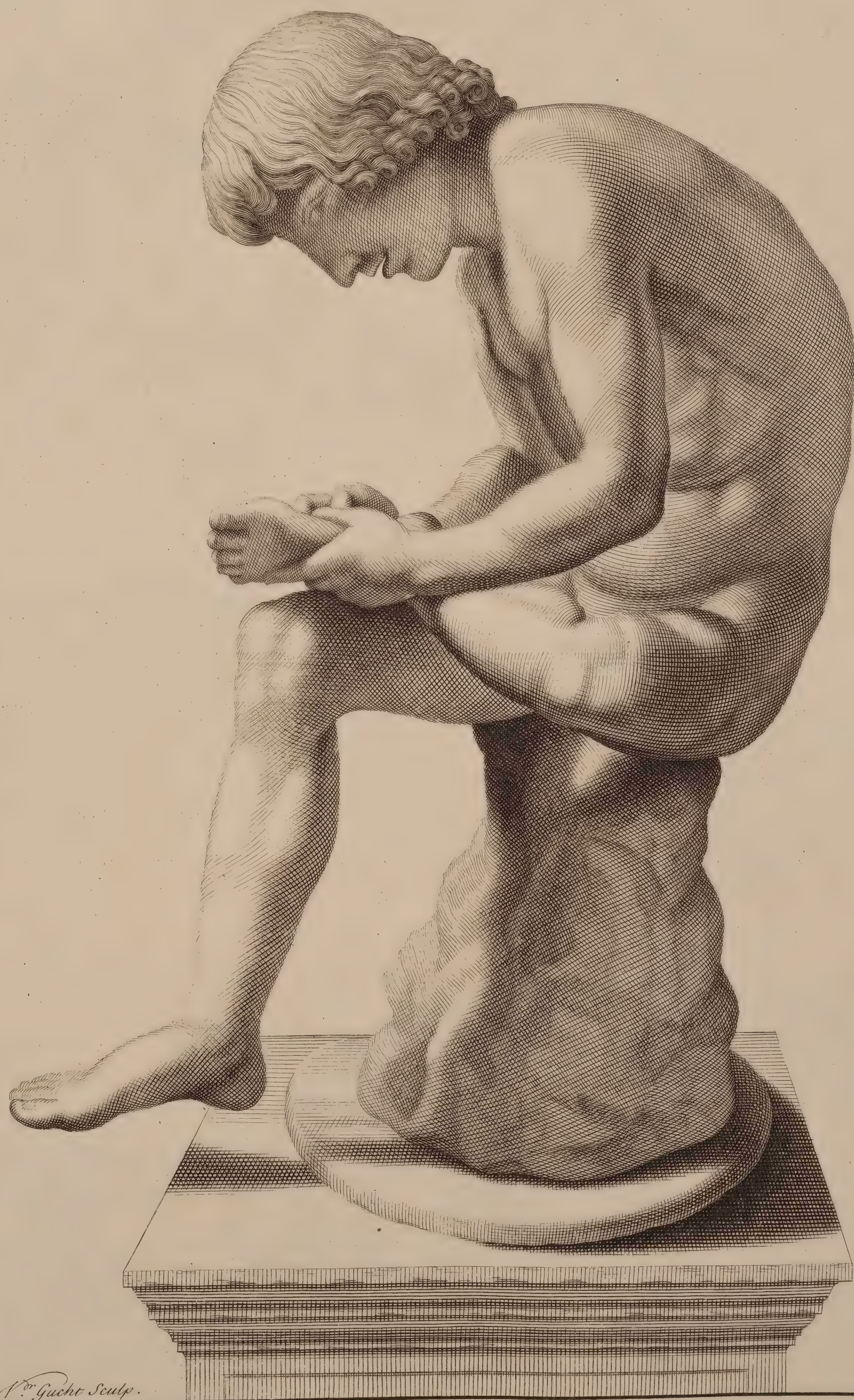


Rob.^r Sheppard Sculp.

THE SAME ANATOMICAL MODEL, A FOURTH VIEW



THE STATUE OF VENUS OF MEDICIS VIEWD IN PROFILE:
 Here added by reason of the Beauty of its *Contour*, and the evenness of its
 Surface; without laying the Muscles bare, or any view to the Anatomy thereof.



M. V. Gucht Sculp.

ANOTHER STATUE OF BRAS IN ^EY CAPITOL
 of the Youth drawing the Thorne out of his Foot, consider'd accord^{ing} to its fine
 Out-line & Proportions; without any regard to the Anatomy thereof.



ANOTHER ANTIQUE STATUE CALLED THE AMAZON, REMARKABLE FOR ITS DRAPERY,
PRESERVED IN THE PALACE OF THE DUKE DI CESI, IN THE SUBURBS AT ROME.

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